

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110088.D
 Acq On : 23 Oct 2018 20:10
 Operator : JU/SJ
 Sample : J5164-03
 Misc : MDL 2PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 02:54:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	182293	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	777254	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	381521	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	740359	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	628682	20.00	ng	-0.02
87) Perylene-d12	15.67	264	541236	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1398966	124.97	ng	-0.02
7) Phenol-d6	6.59	99	1807573	126.24	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1063163	81.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	470268	124.44	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1932762	79.55	ng	-0.02
79) Terphenyl-d14	13.09	244	2019533	66.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	10198	1.739	ng	96
3) Pyridine	3.70	79	24264	1.857	ng	88
4) n-Nitrosodimethylamine	3.55	42	10368	1.894	ng	# 97
6) Aniline	6.63	93	30904	1.657	ng	# 56
8) 2-Chlorophenol	6.75	128	28097	2.177	ng	93
9) Benzaldehyde	6.52	77	17596	0.939	ng	90
10) Phenol	6.60	94	32963	2.154	ng	# 61
11) bis(2-Chloroethyl)ether	6.69	93	26988	2.143	ng	86
12) 1,3-Dichlorobenzene	6.90	146	29681	2.090	ng	98
13) 1,4-Dichlorobenzene	6.98	146	30396	2.116	ng	98
14) 1,2-Dichlorobenzene	7.13	146	29055	2.179	ng	95
15) Benzyl Alcohol	7.10	79	15553	1.412	ng	87
16) 2,2'-oxybis(1-Chloropropan	7.23	45	43789	2.175	ng	70
17) 2-Methylphenol	7.20	107	21990	2.138	ng	# 79
18) Hexachloroethane	7.47	117	10717	2.038	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	18606	2.026	ng	# 89
20) 3+4-Methylphenols	7.35	107	27181	2.044	ng	# 87
22) Acetophenone	7.36	105	39460	2.203	ng	# 94
24) Nitrobenzene	7.55	77	31279	2.312	ng	# 87
25) Isophorone	7.77	82	53345	2.388	ng	96
26) 2-Nitrophenol	7.86	139	11657	1.811	ng	96
27) 2,4-Dimethylphenol	7.89	122	21725	2.035	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	33355	2.198	ng	98
29) 2,4-Dichlorophenol	8.10	162	21493	1.993	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	24635	2.039	ng	97
31) Naphthalene	8.27	128	86073	2.403	ng	98
32) Benzoic acid	7.93	122	8379	1.016	ng	98
33) 4-Chloroaniline	8.32	127	24799	1.538	ng	99
34) Hexachlorobutadiene	8.38	225	14074	2.098	ng	94
35) Caprolactam	8.65	113	6372	1.695	ng	# 87
36) 4-Chloro-3-methylphenol	8.78	107	23440	2.010	ng	97
37) 2-Methylnaphthalene	8.96	142	59001	2.489	ng	95
38) 1-Methylnaphthalene	9.06	142	54562	2.382	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	23951	2.015	ng	99

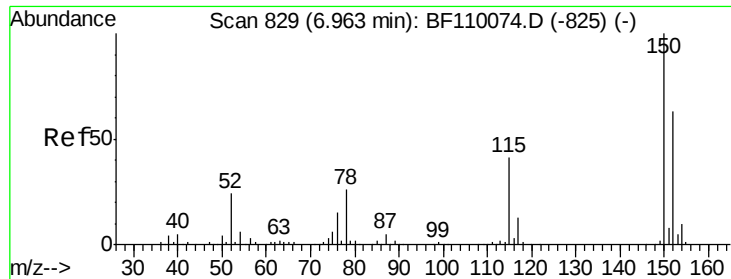
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
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 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	10274	1.690	ng	95
43) 2,4,6-Trichlorophenol	9.23	196	14793	1.929	ng	95
44) 2,4,5-Trichlorophenol	9.27	196	15755	1.944	ng	92
46) 1,1'-Biphenyl	9.42	154	77481	2.246	ng	97
47) 2-Chloronaphthalene	9.45	162	53838	2.127	ng	99
48) 2-Nitroaniline	9.54	65	14926	1.946	ng	96
49) Acenaphthylene	9.87	152	86269	2.360	ng	98
50) Dimethylphthalate	9.71	163	62652	2.225	ng	99
51) 2,6-Dinitrotoluene	9.78	165	12712	2.095	ng #	86
52) Acenaphthene	10.04	154	56377	2.331	ng	95
53) 3-Nitroaniline	9.95	138	12352	1.712	ng #	94
54) 2,4-Dinitrophenol	10.06	184	1737	5.850	ng	95
55) Dibenzofuran	10.21	168	77035	2.275	ng	96
56) 4-Nitrophenol	10.10	139	9011	1.688	ng	90
57) 2,4-Dinitrotoluene	10.19	165	15134	1.964	ng #	85
58) Fluorene	10.56	166	60893	2.417	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	12895	1.952	ng	94
60) Diethylphthalate	10.42	149	60357	2.195	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	29073	2.187	ng	94
62) 4-Nitroaniline	10.56	138	13066	1.821	ng	94
63) Azobenzene	10.70	77	61078	2.238	ng	98
65) 4,6-Dinitro-2-methylphenol	10.59	198	3522	1.041	ng	84
66) n-Nitrosodiphenylamine	10.66	169	52716	2.171	ng	99
67) 4-Bromophenyl-phenylether	11.04	248	16727	2.083	ng	94
68) Hexachlorobenzene	11.10	284	18213	2.137	ng	96
69) Atrazine	11.18	200	16943	2.208	ng	95
70) Pentachlorophenol	11.30	266	5295	1.066	ng #	66
71) Phenanthrene	11.52	178	94988	2.452	ng	97
72) Anthracene	11.57	178	97094	2.501	ng	97
73) Carbazole	11.73	167	82220	2.169	ng	97
74) Di-n-butylphthalate	12.05	149	92915	2.170	ng #	97
75) Fluoranthene	12.71	202	95173	2.421	ng	98
77) Benzidine	12.83	184	16488	0.624	ng #	93
78) Pyrene	12.95	202	96512	2.141	ng	97
80) Butylbenzylphthalate	13.55	149	36712	1.877	ng	99
81) Benzo(a)anthracene	14.13	228	86492	2.320	ng	97
82) 3,3'-Dichlorobenzidine	14.09	252	18610	1.433	ng	96
83) Chrysene	14.17	228	82166	2.320	ng	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	50751	1.919	ng	99
85) Di-n-octyl phthalate	14.72	149	81402	1.980	ng	98
86) Indeno(1,2,3-cd)pyrene	17.21	276	60041	2.044	ng #	94
88) Benzo(b)fluoranthene	15.21	252	68388	2.188	ng	97
89) Benzo(k)fluoranthene	15.24	252	71446	2.325	ng #	98
90) Benzo(a)pyrene	15.59	252	63241	2.199	ng	93
91) Dibenzo(a,h)anthracene	17.23	278	50093	2.019	ng #	96
92) Benzo(g,h,i)perylene	17.69	276	48461	1.982	ng #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

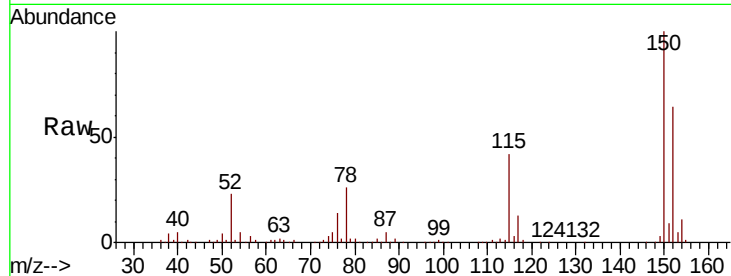


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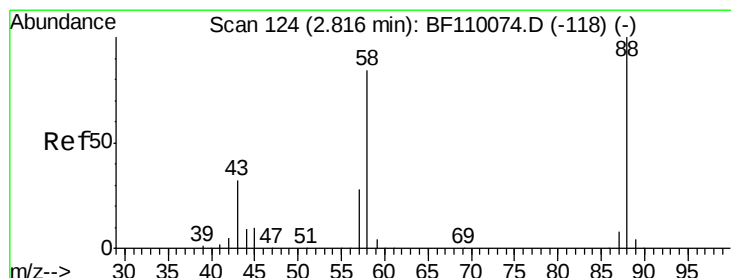
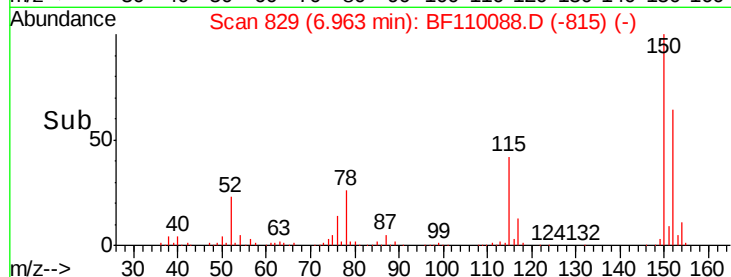
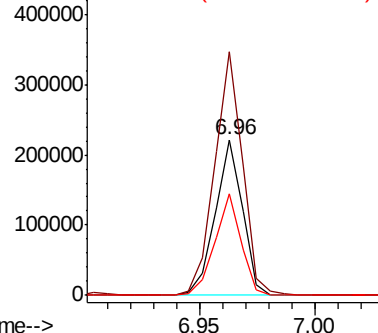
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	65.3	49.1	73.7



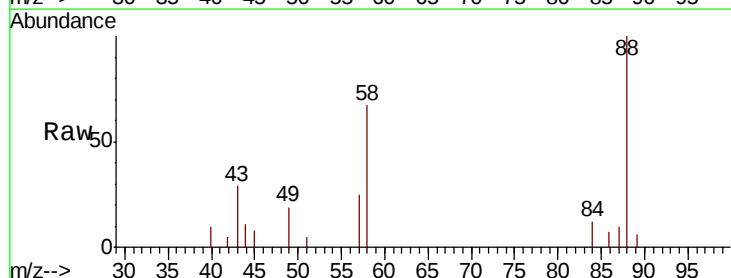
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



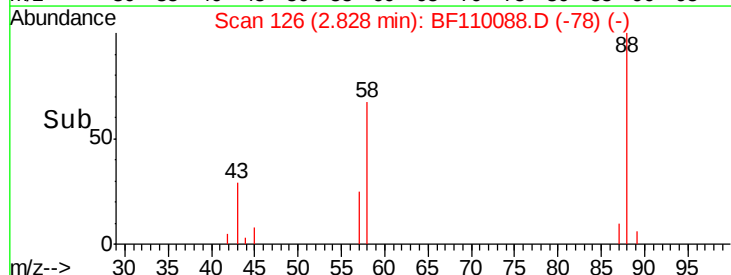
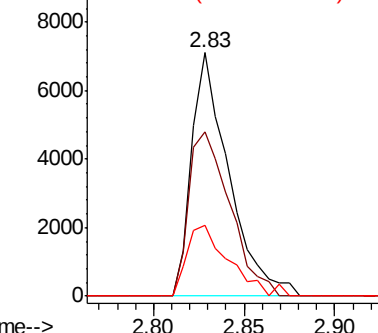
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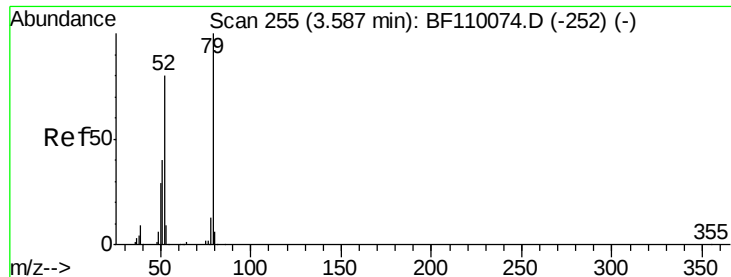
1,4-Dioxane
Concen: 1.739 ng
RT: 2.83 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	57.1	85.7
43	32.7	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 1.857 ng

RT: 3.70 min Scan# 274

Delta R.T. 0.08 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

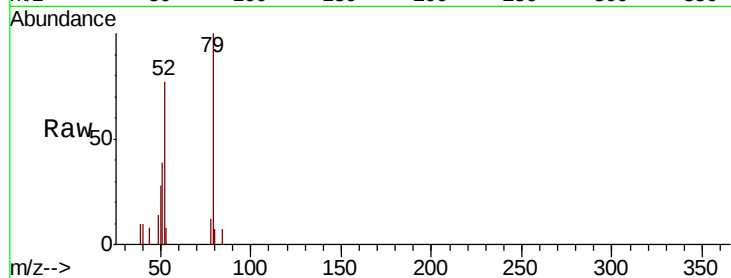
Tot Ion: 79 Resp: 24264

Ion Ratio Lower Upper

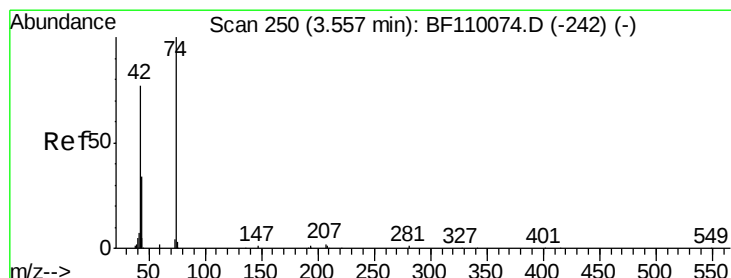
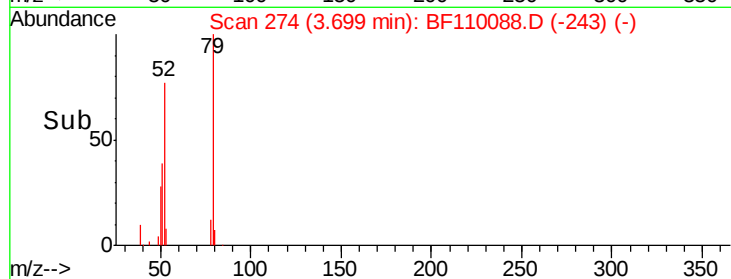
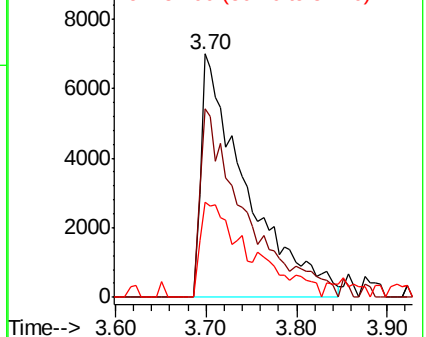
79 100

52 77.2 53.1 79.7

51 39.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 1.894 ng

RT: 3.55 min Scan# 249

Delta R.T. -0.03 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

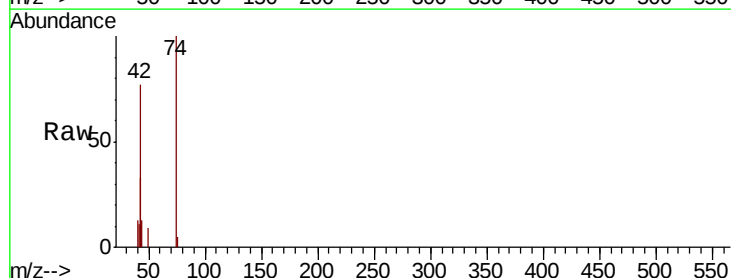
Tgt Ion: 42 Resp: 10368

Ion Ratio Lower Upper

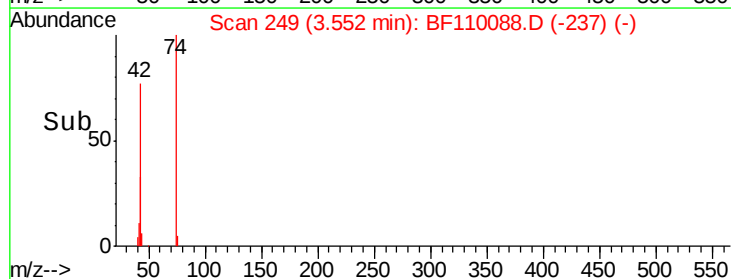
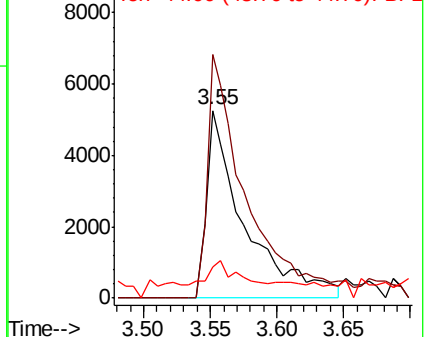
42 100

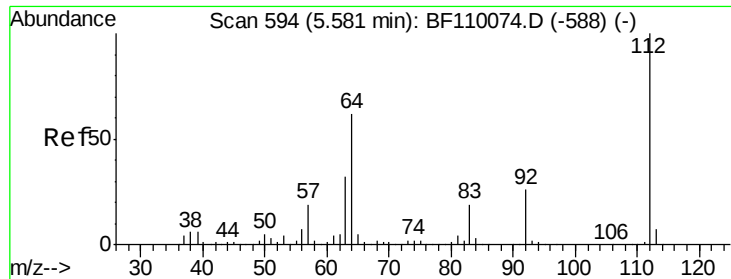
74 129.8 105.5 158.3

44 16.5 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 124.972 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampled :

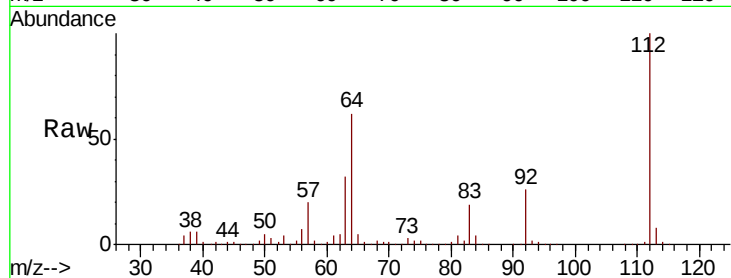
Tot Ion:112 Resp: 1398966

Ion Ratio Lower Upper

112 100

64 61.6 44.1 66.1

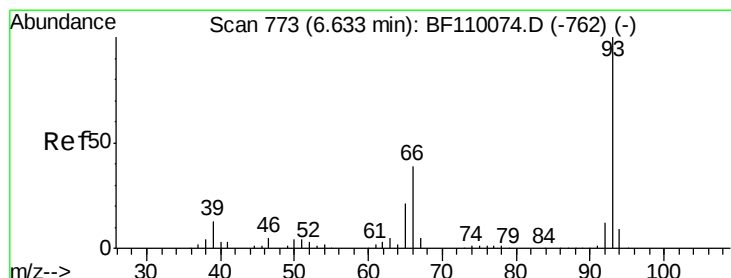
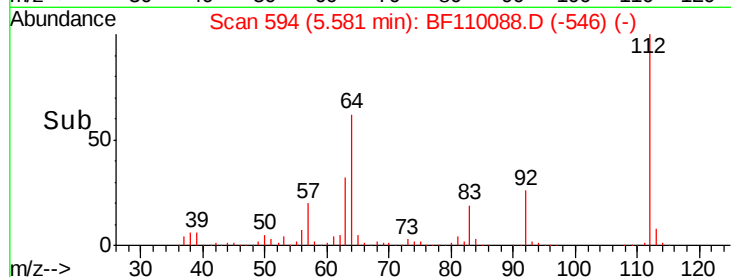
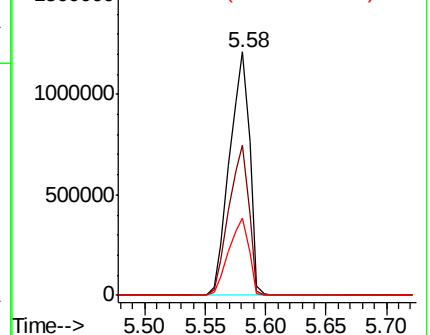
63 32.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.657 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

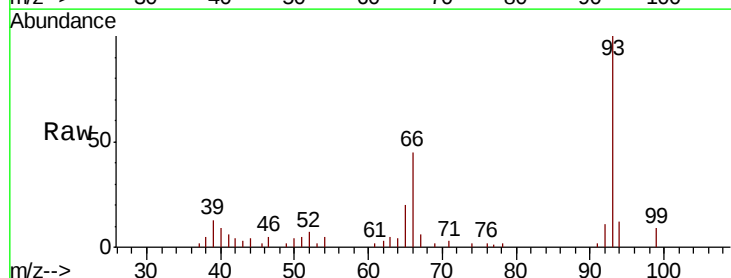
Tgt Ion: 93 Resp: 30904

Ion Ratio Lower Upper

93 100

66 45.2 67.4 101.0#

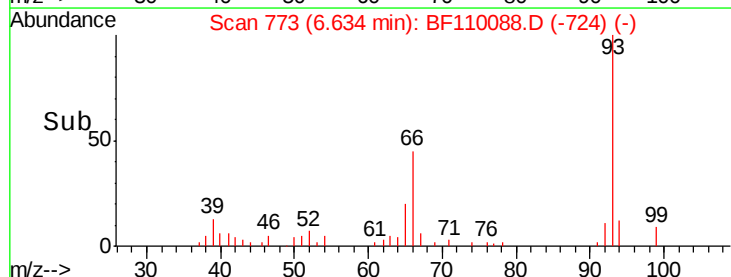
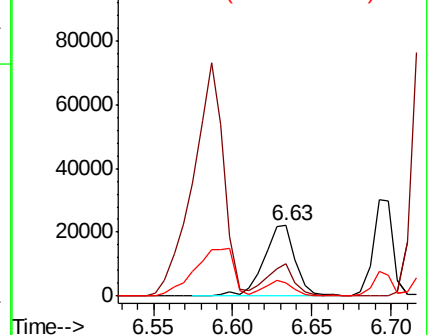
65 19.6 41.0 61.4#

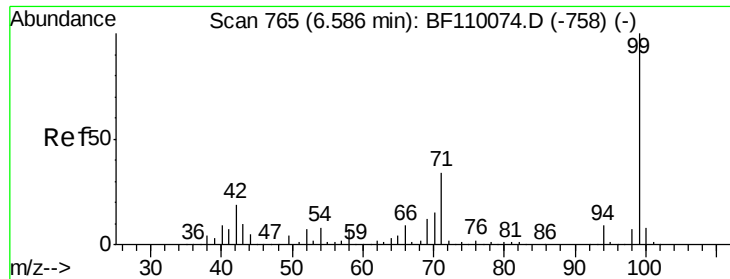


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.242 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

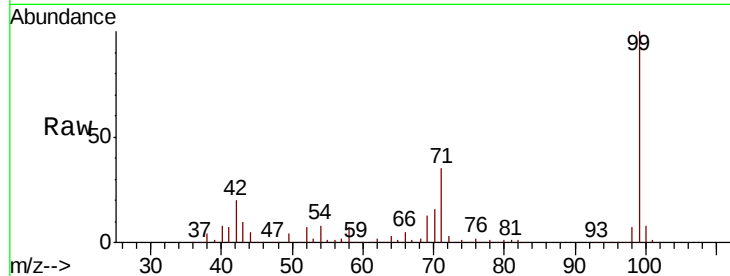
Tot Ion: 99 Resp: 1807573

Ion Ratio Lower Upper

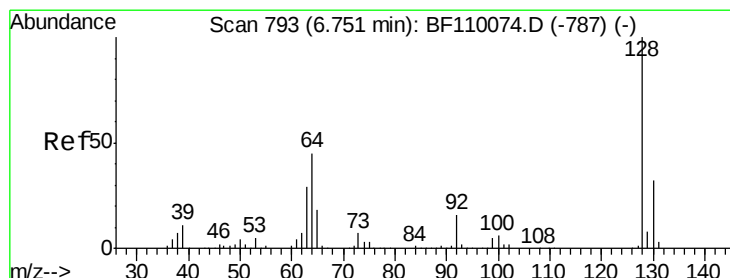
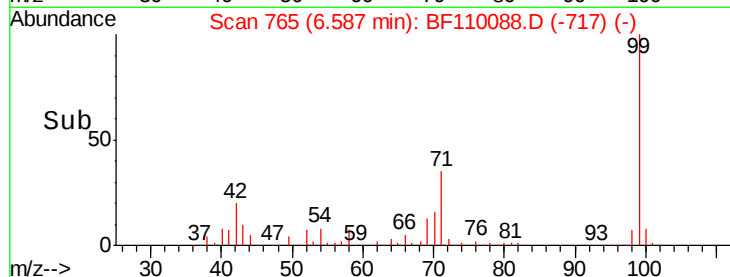
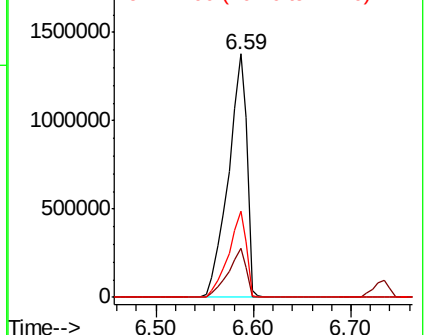
99 100

42 20.0 15.8 23.6

71 35.4 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.177 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

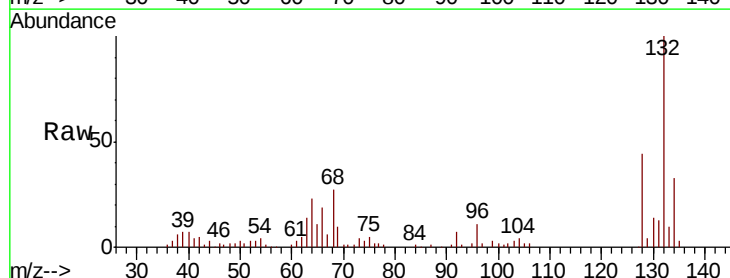
Tgt Ion:128 Resp: 28097

Ion Ratio Lower Upper

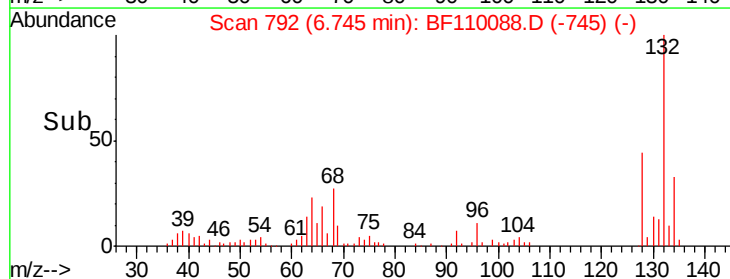
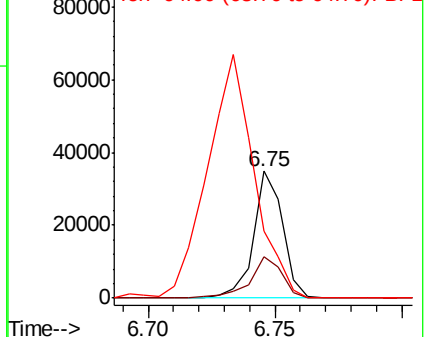
128 100

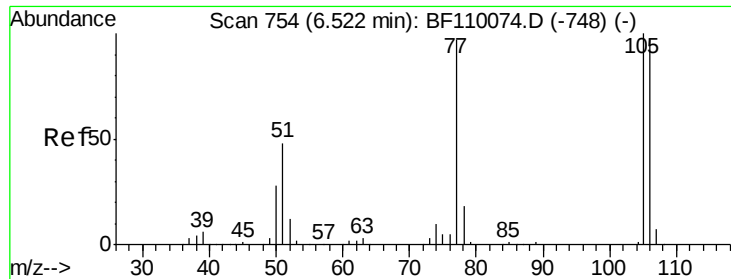
130 32.7 13.1 53.1

64 53.1 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

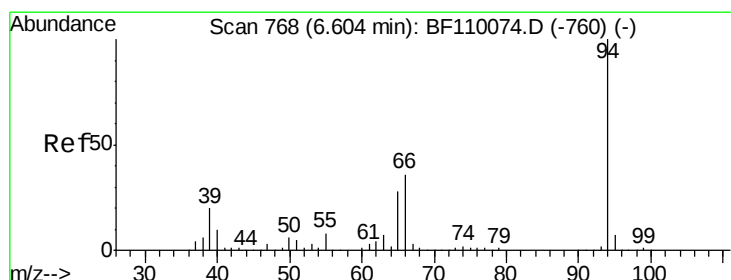
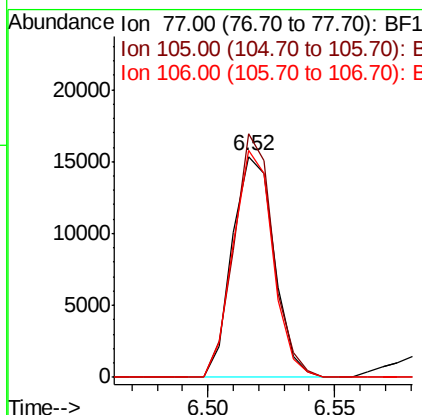
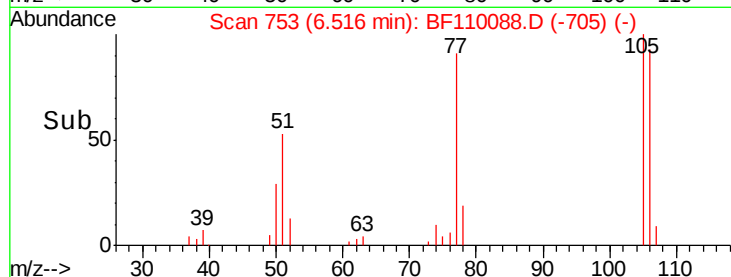
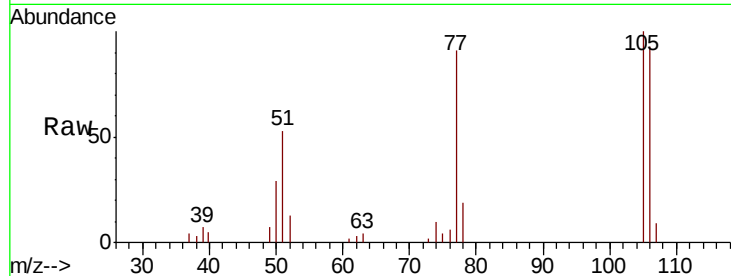




#9
Benzaldehyde
Concen: 0.939 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

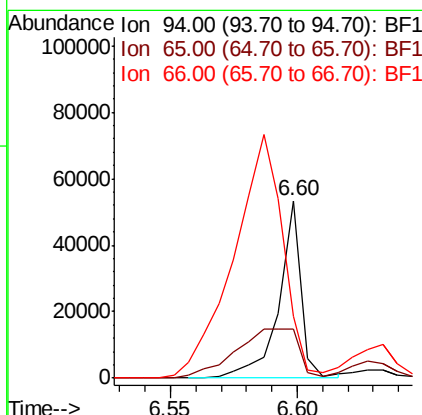
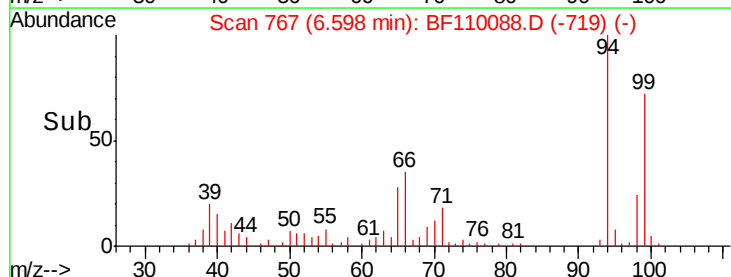
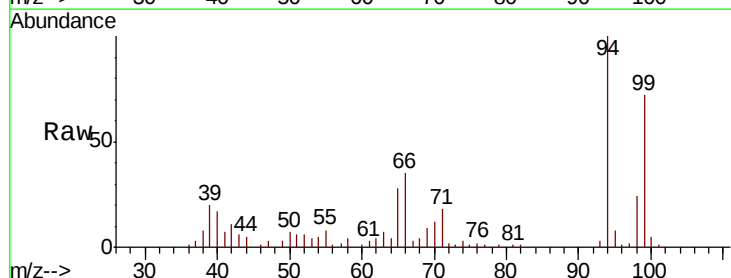
Instrument :
BNA_F
ClientSampled :

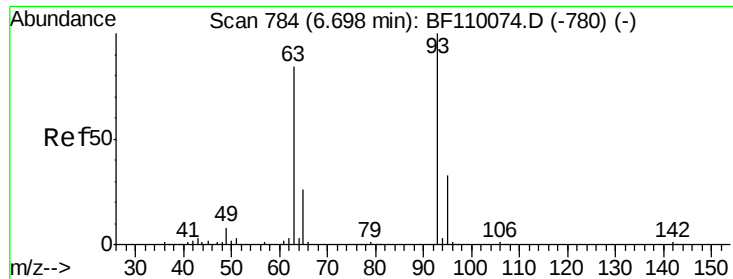
Tot Ion: 77 Resp: 17596
Ion Ratio Lower Upper
77 100
105 110.3 78.6 118.6
106 103.0 74.8 114.8



#10
Phenol
Concen: 2.154 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion: 94 Resp: 32963
Ion Ratio Lower Upper
94 100
65 27.9 25.3 65.3
66 34.6 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 2.143 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampled :

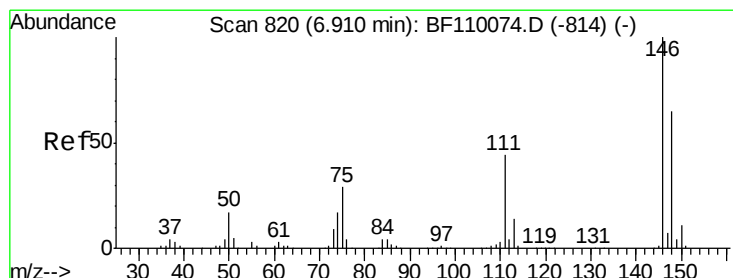
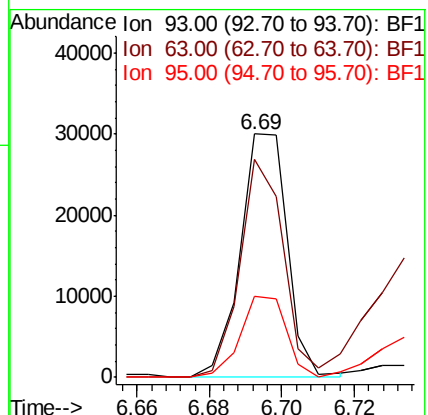
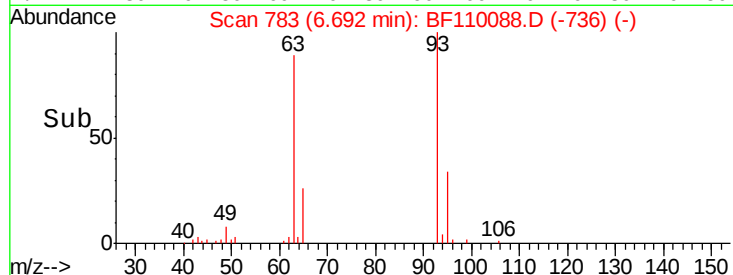
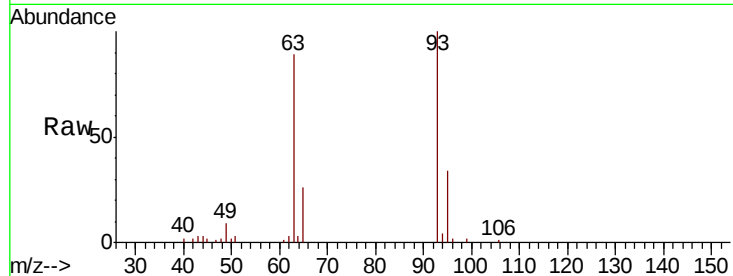
Tot Ion: 93 Resp: 26988

Ion Ratio Lower Upper

93 100

63 89.4 53.4 93.4

95 33.5 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 2.090 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

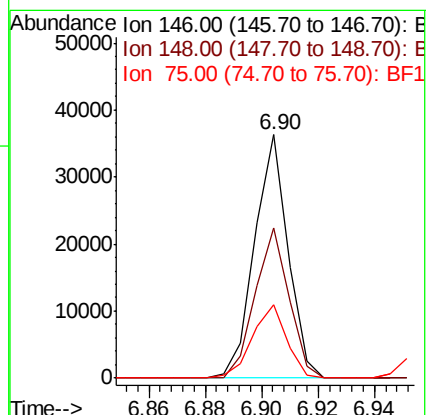
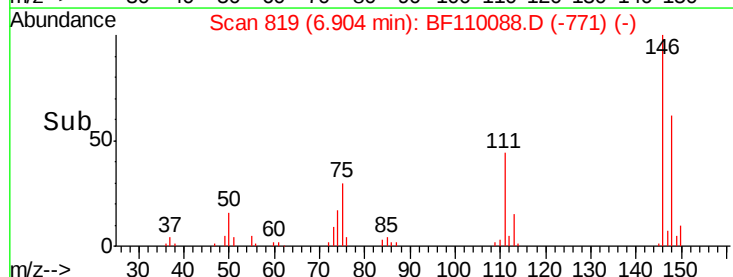
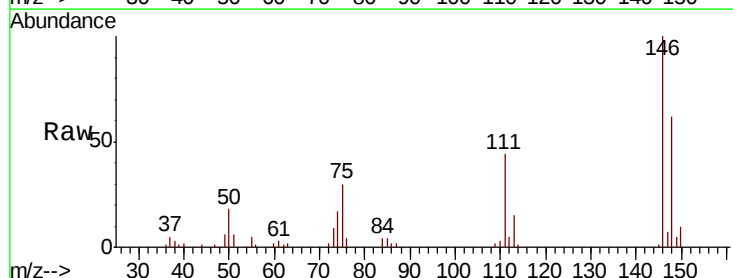
Tgt Ion: 146 Resp: 29681

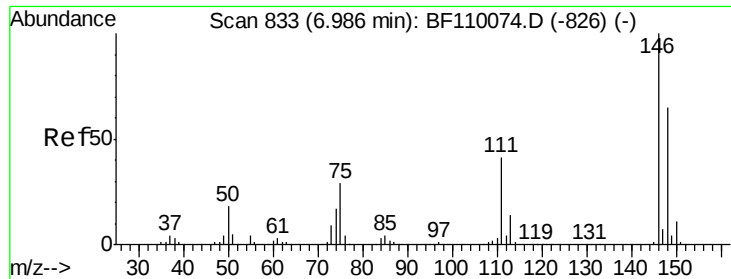
Ion Ratio Lower Upper

146 100

148 61.7 50.4 75.6

75 30.1 25.8 38.6

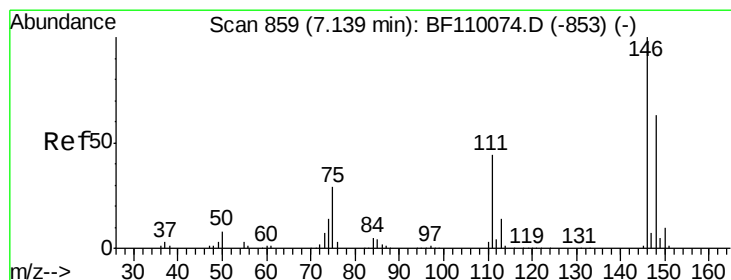
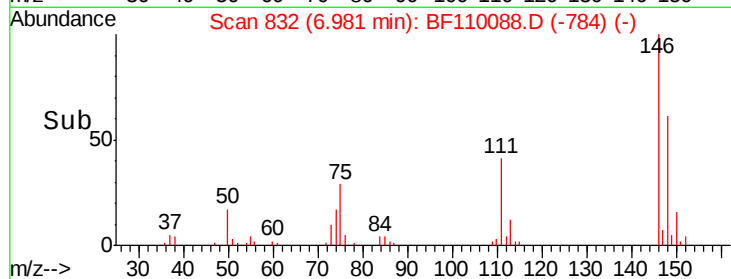
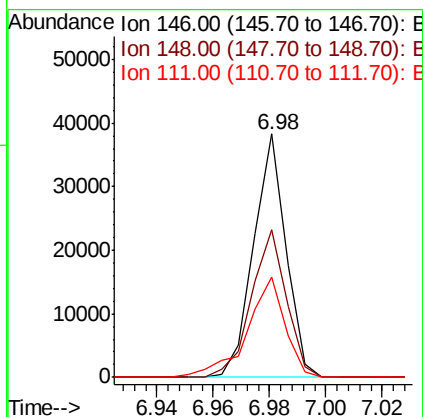
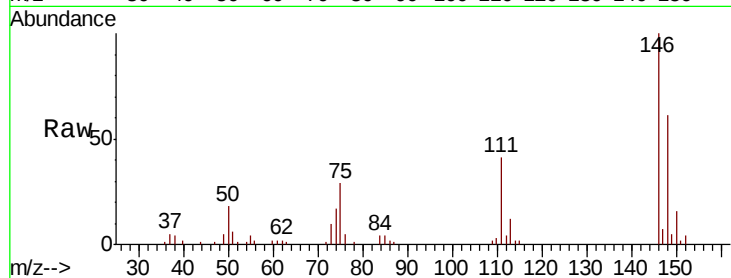




#13
 1,4-Dichlorobenzene
 Concen: 2.116 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

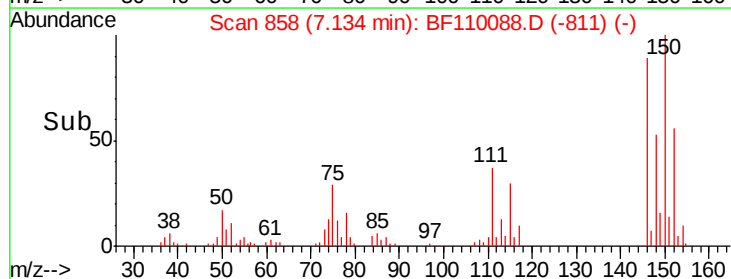
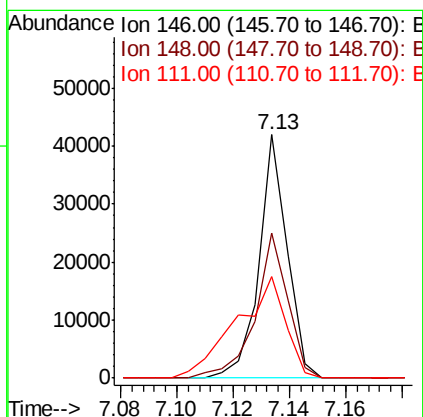
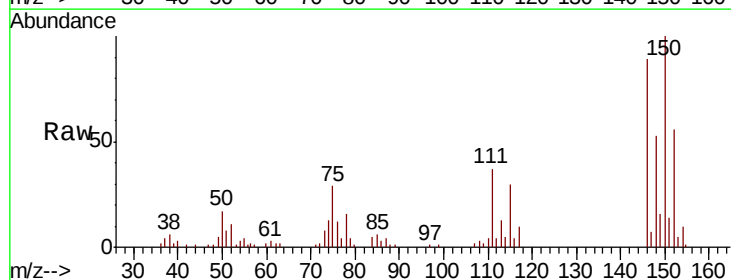
Instrument :
 BNA_F
 ClientSampled :

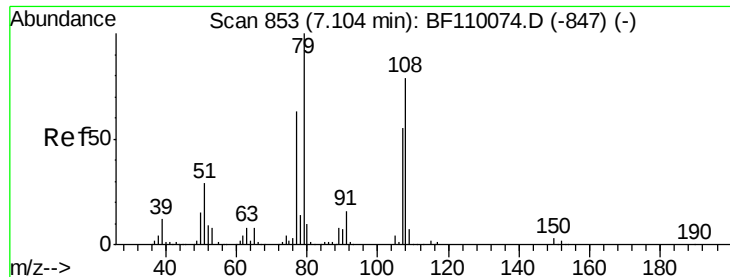
Tot Ion:146 Resp: 30396
 Ion Ratio Lower Upper
 146 100
 148 60.5 50.3 75.5
 111 41.3 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 2.179 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:146 Resp: 29055
 Ion Ratio Lower Upper
 146 100
 148 59.8 51.1 76.7
 111 41.9 35.8 53.6





#15

Benzyl Alcohol

Concen: 1.412 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

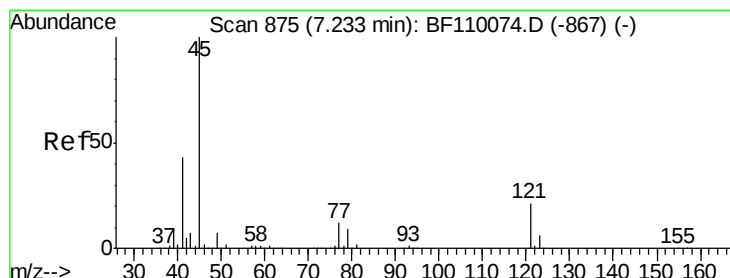
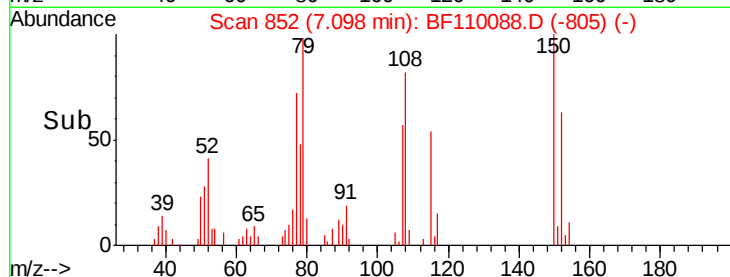
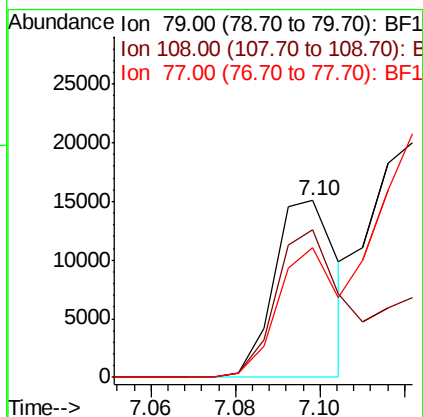
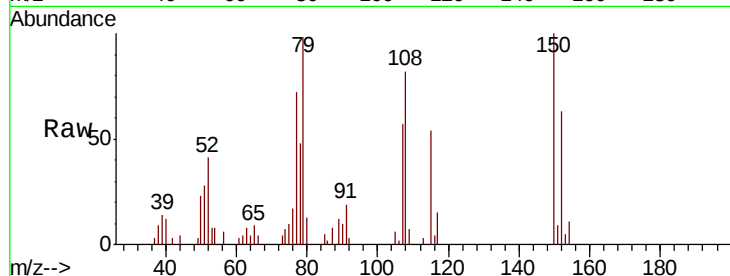
Tot Ion: 79 Resp: 15553

Ion Ratio Lower Upper

79 100

108 83.8 56.3 84.5

77 73.8 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.175 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

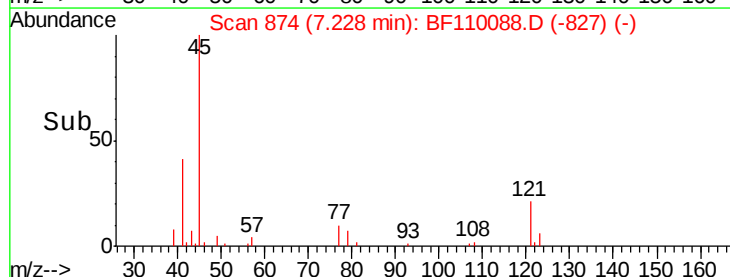
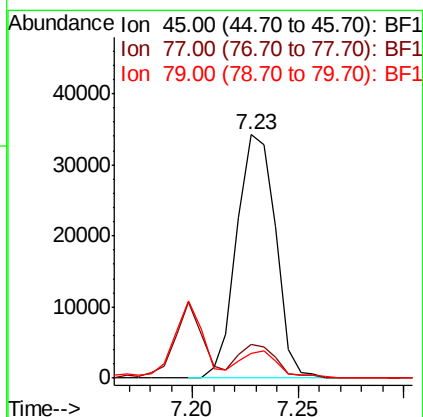
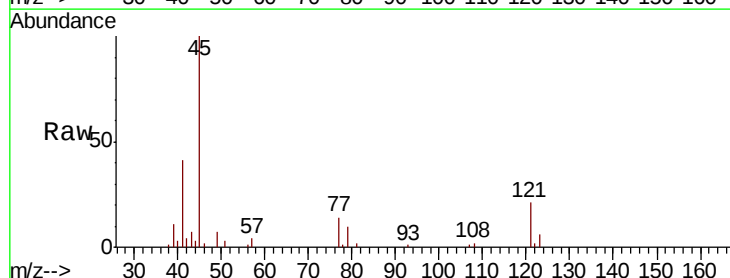
Tgt Ion: 45 Resp: 43789

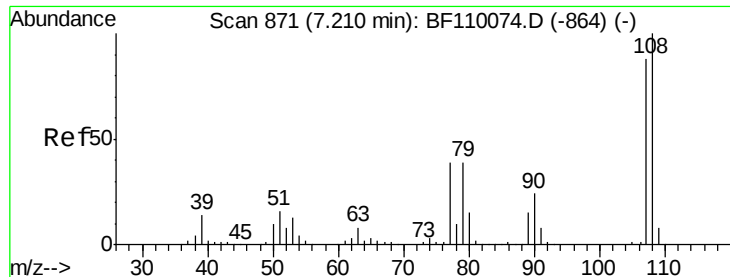
Ion Ratio Lower Upper

45 100

77 13.8 10.0 50.0

79 10.3 6.1 46.1

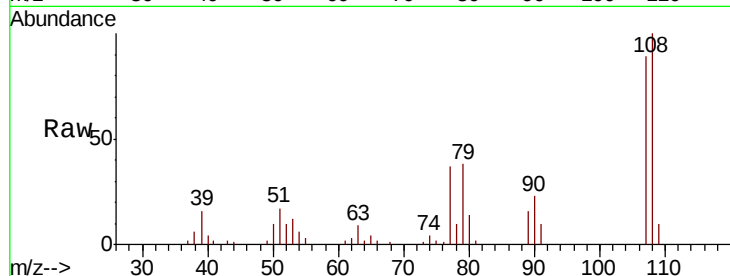




#17
2-Methylphenol
Concen: 2.138 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	92.6	138.8
77	41.8	59.4	89.2#
79	42.8	54.0	81.0#



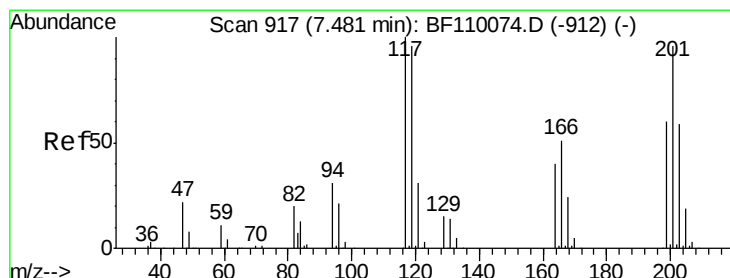
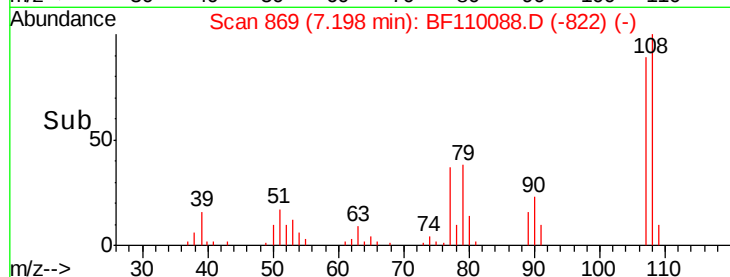
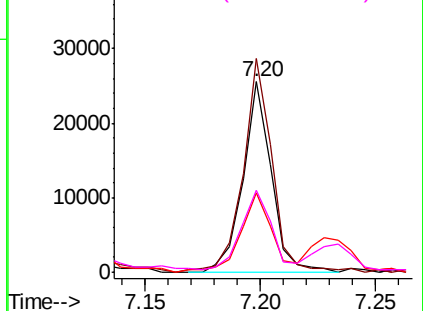
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

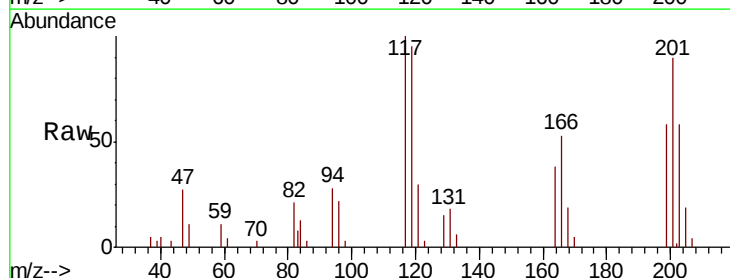
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 2.038 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.0	112.6
201	89.6	79.2	118.8

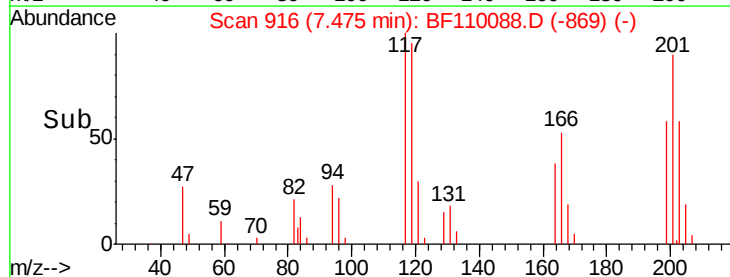
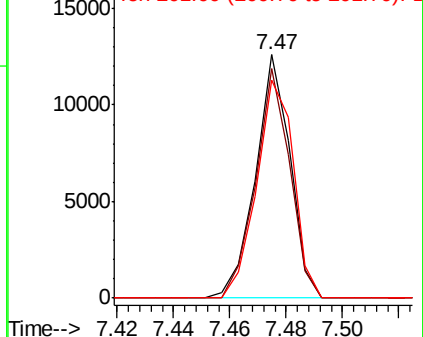


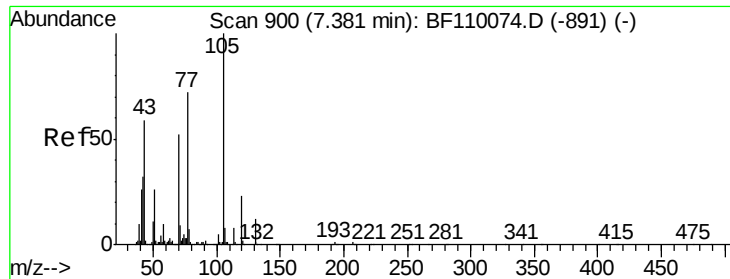
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

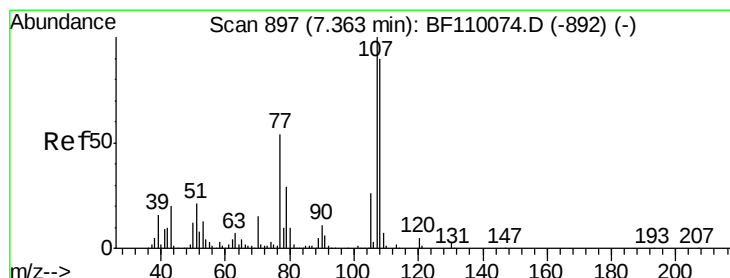
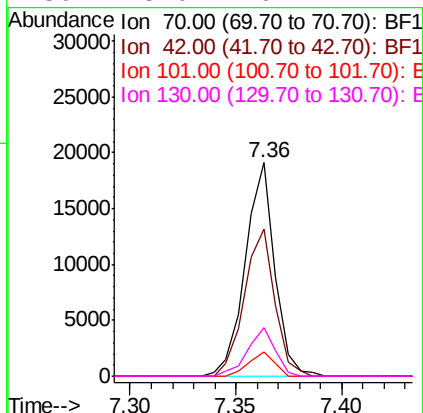
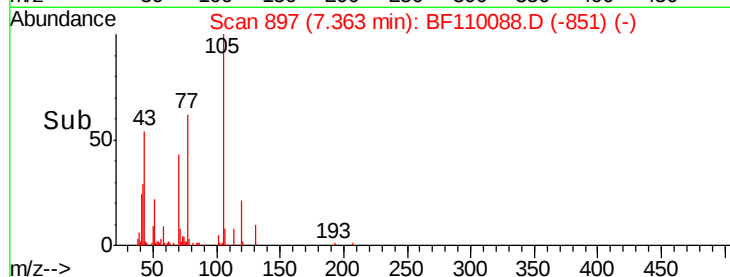
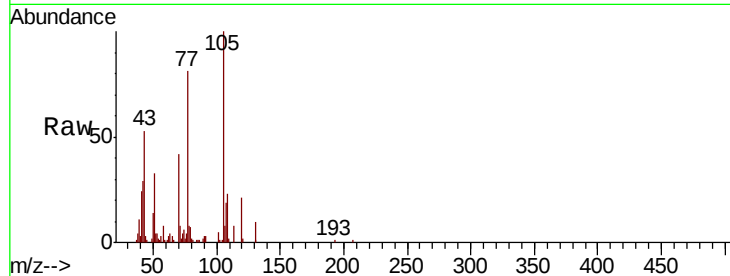




#19
n-Nitroso-di-n-propylamine
Concen: 2.026 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

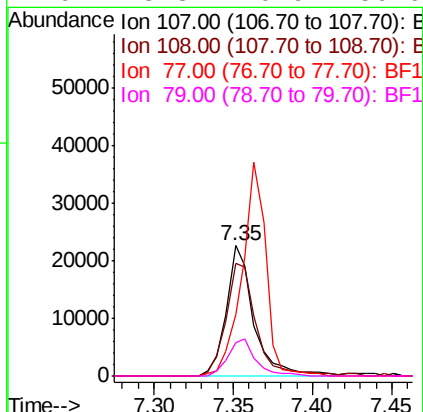
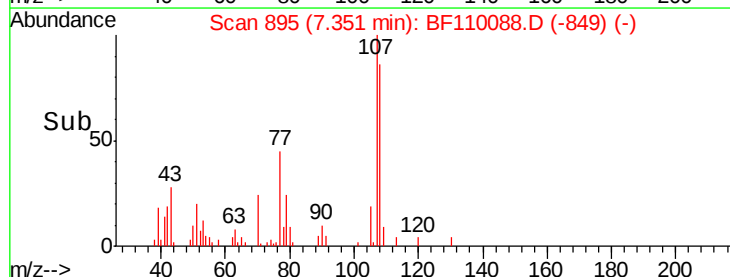
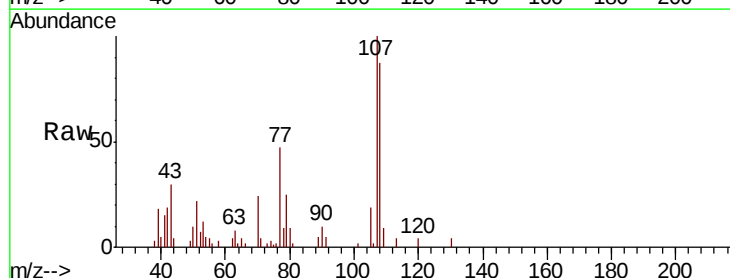
Instrument :
BNA_F
ClientSampled :

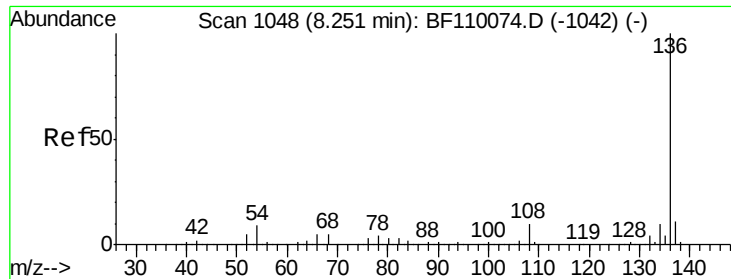
Tot Ion: 70 Resp: 18606
Ion Ratio Lower Upper
70 100
42 69.1 47.4 71.2
101 11.6 7.3 10.9#
130 23.0 16.2 24.2



#20
3+4-Methylphenols
Concen: 2.044 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:107 Resp: 27181
Ion Ratio Lower Upper
107 100
108 87.0 71.4 111.4
77 47.0 47.3 87.3#
79 25.3 10.9 50.9

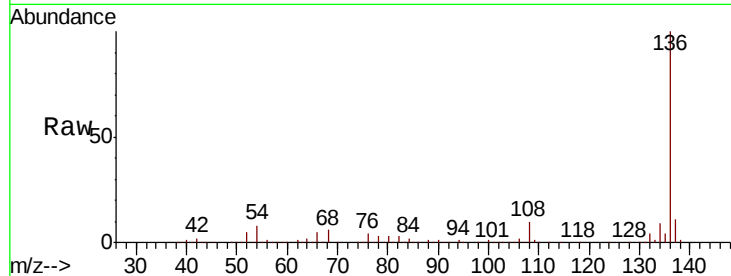




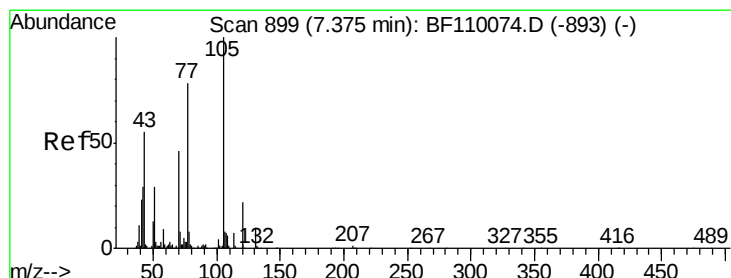
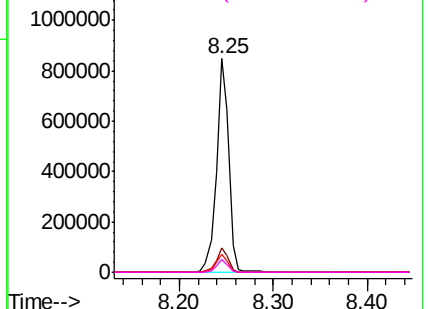
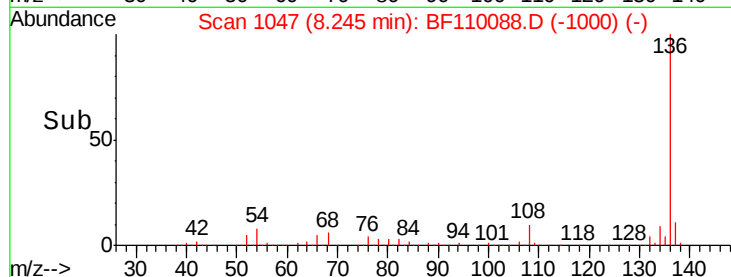
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	777254
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.3	5.4 8.2#
68	5.8	4.2 6.2

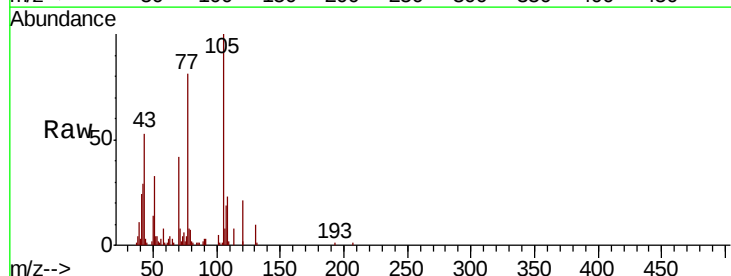


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

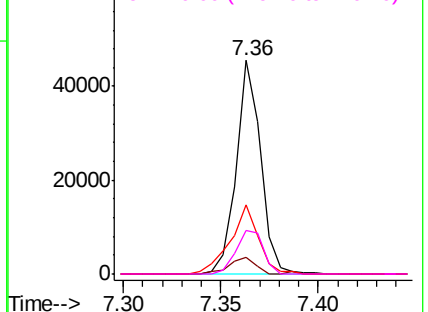
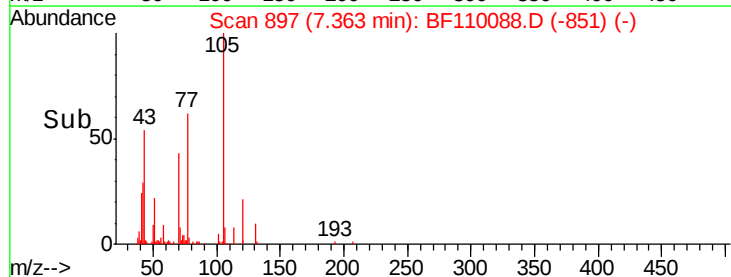


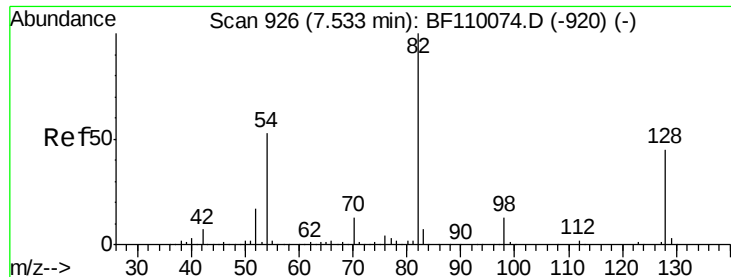
#22
Acetophenone
Concen: 2.203 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:105	Resp:	39460
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.2 7.8#
51	32.6	21.8 32.8
120	20.6	17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

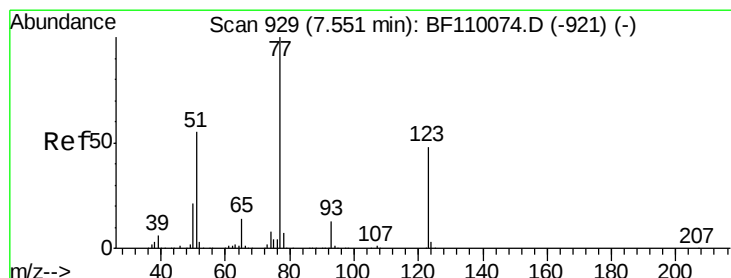
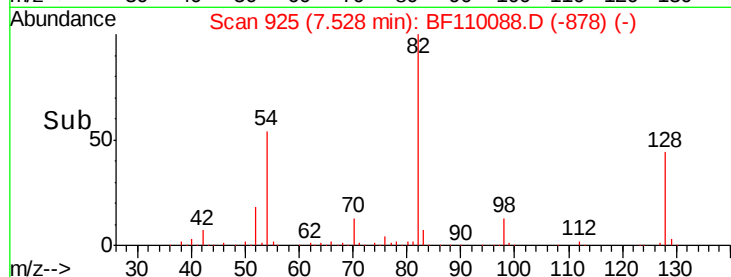
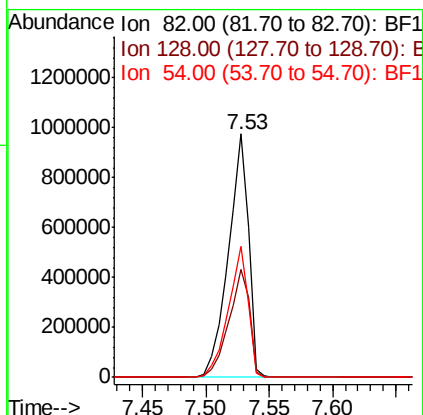
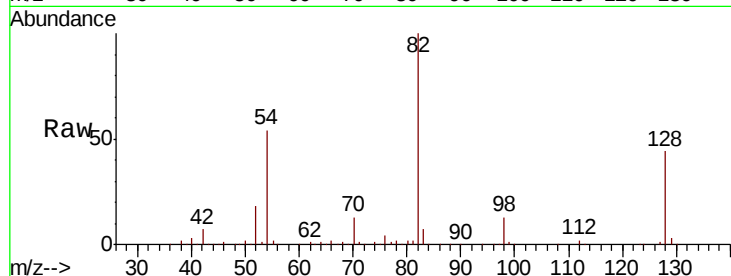




#23
 Nitrobenzene-d5
 Concen: 81.131 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

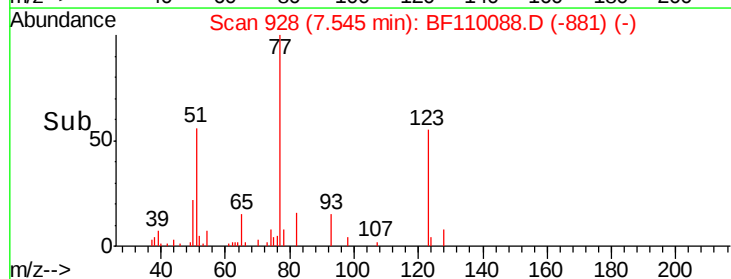
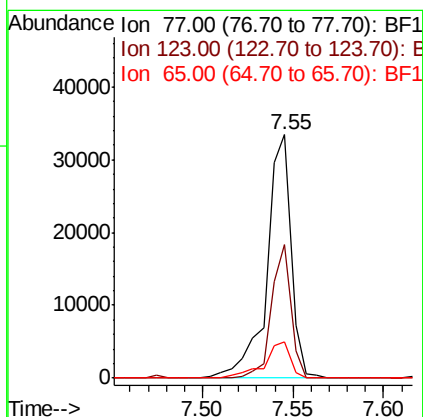
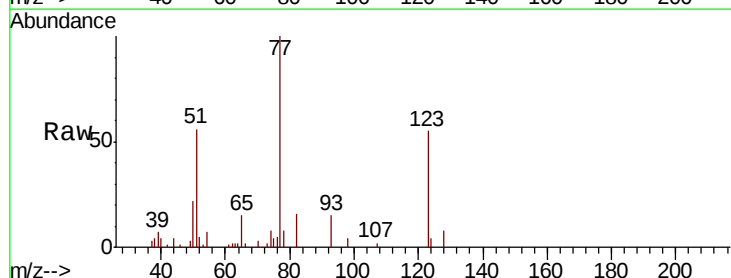
Instrument :
 BNA_F
 ClientSampled :

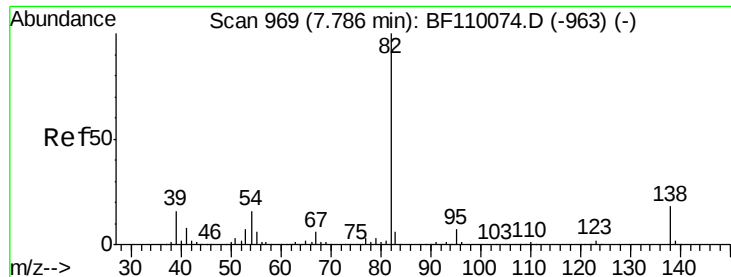
Tot Ion: 82 Resp: 1063163
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.2 51.2
 54 53.9 38.6 58.0



#24
 Nitrobenzene
 Concen: 2.312 ng
 RT: 7.55 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion: 77 Resp: 31279
 Ion Ratio Lower Upper
 77 100
 123 54.6 35.7 53.5#
 65 14.7 10.7 16.1





#25

Isophorone

Concen: 2.388 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

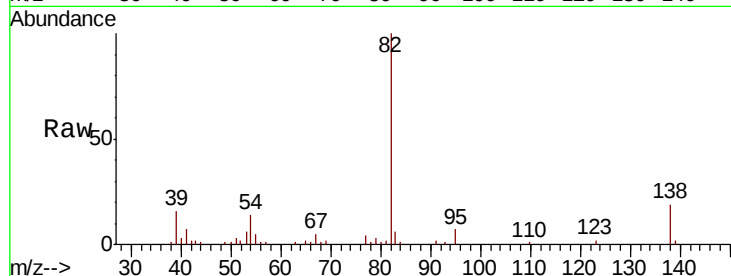
Tot Ion: 82 Resp: 53345

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

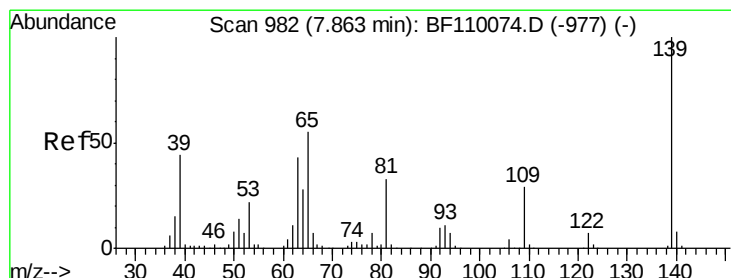
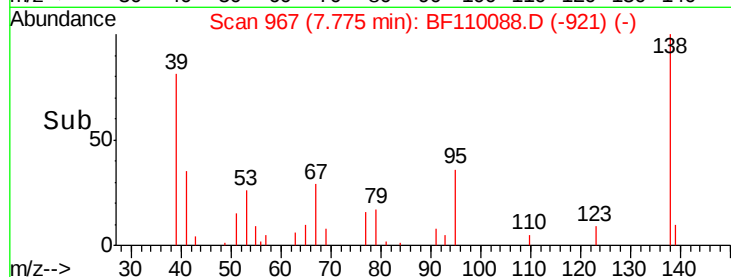
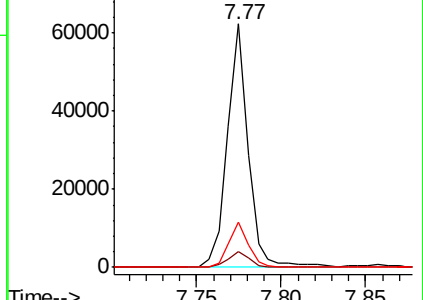
138 18.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 1.811 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

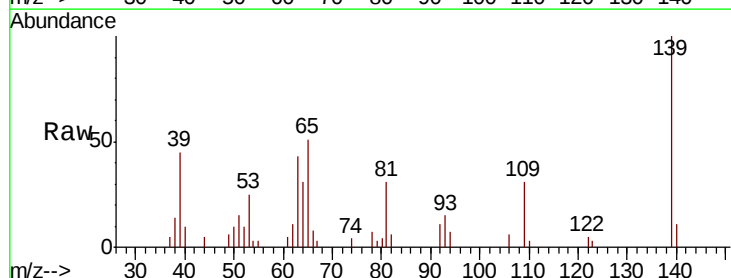
Tgt Ion: 139 Resp: 11657

Ion Ratio Lower Upper

139 100

109 30.7 25.0 37.6

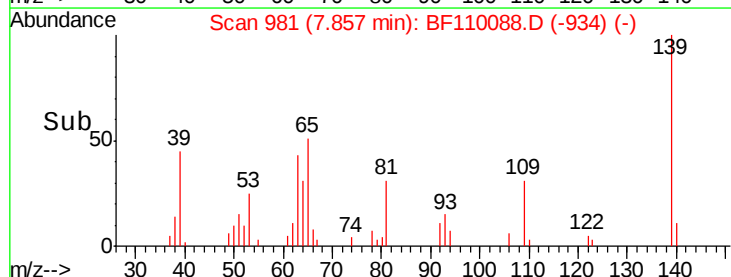
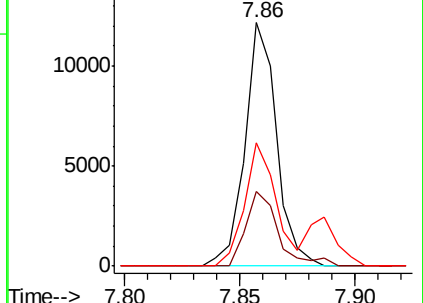
65 50.9 44.0 66.0

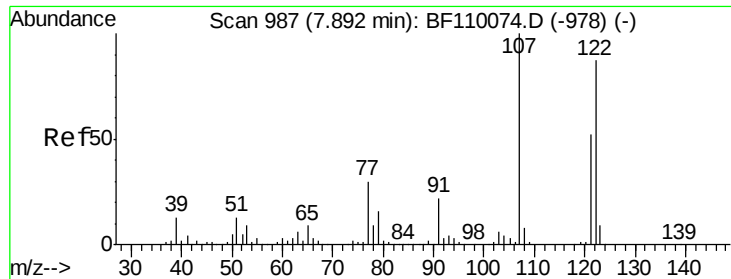


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.035 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

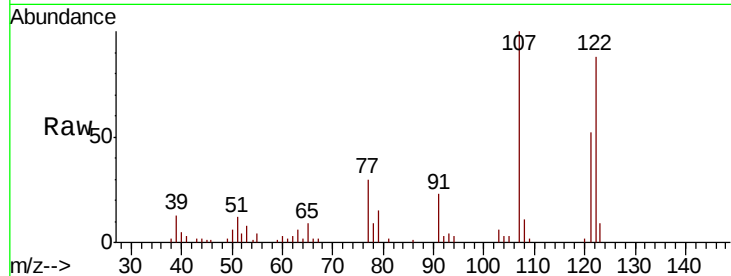
Tot Ion:122 Resp: 21725

Ion Ratio Lower Upper

122 100

107 113.3 92.5 138.7

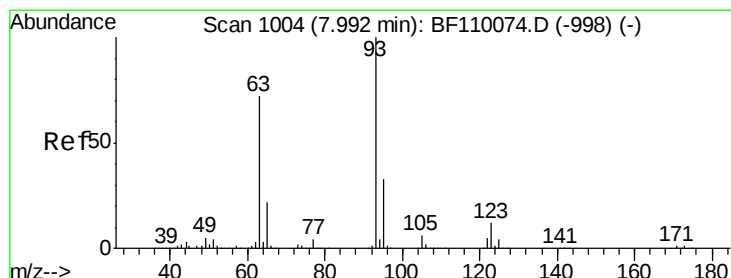
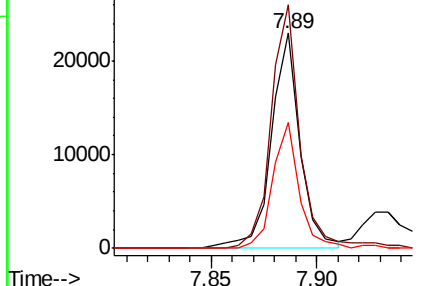
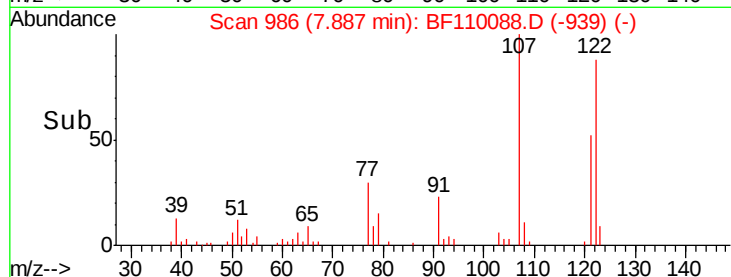
121 58.6 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.198 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

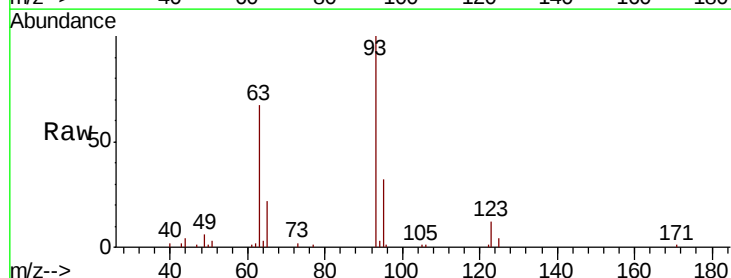
Tgt Ion: 93 Resp: 33355

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

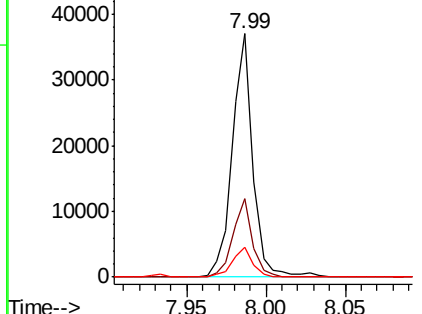
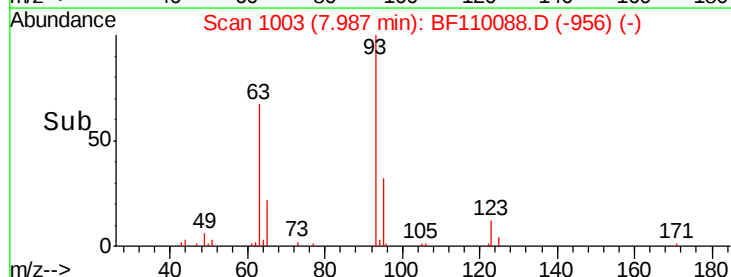
123 12.1 9.0 13.6

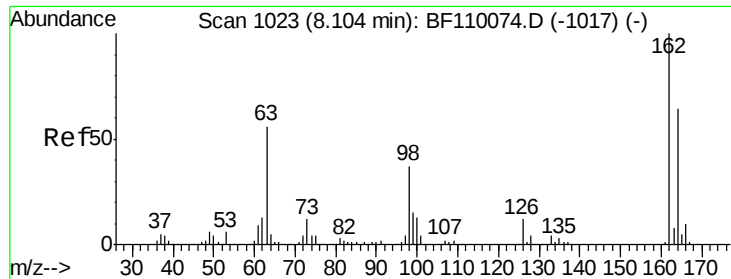


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

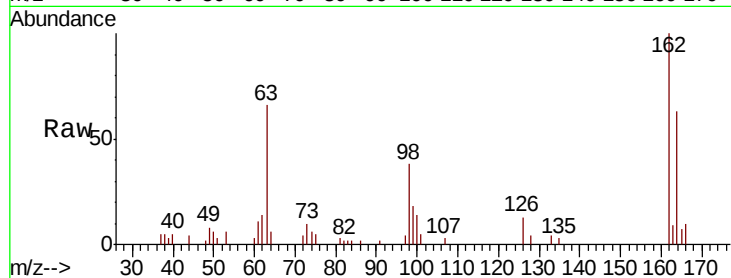




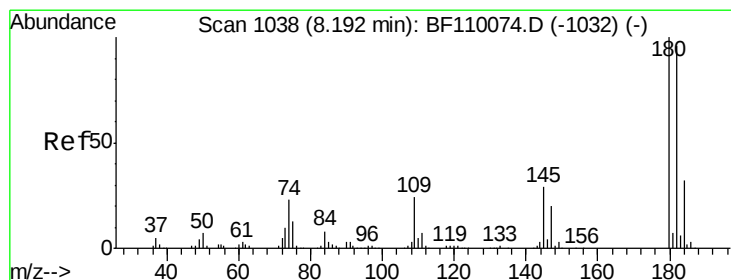
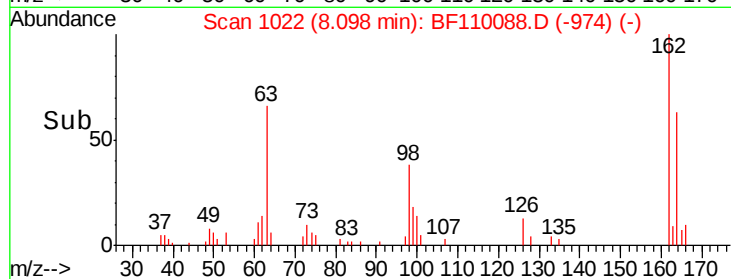
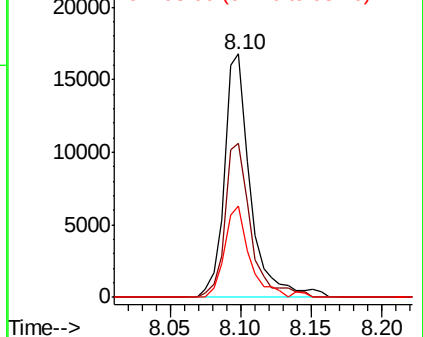
#29
 2,4-Dichlorophenol
 Concen: 1.993 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 21493
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.6 84.6
 98 37.7 17.4 57.4

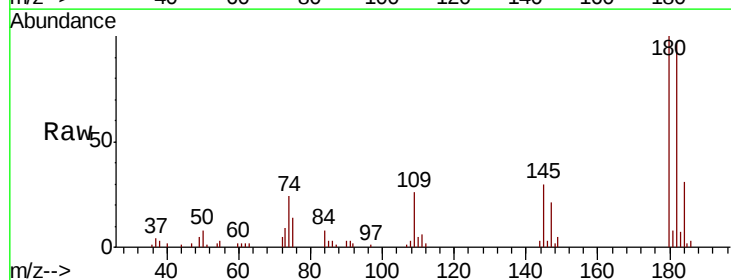


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

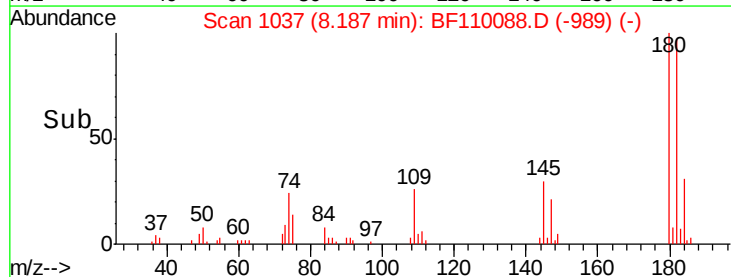
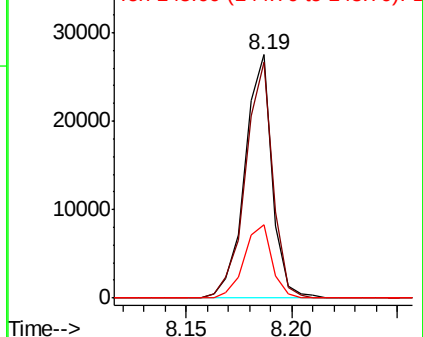


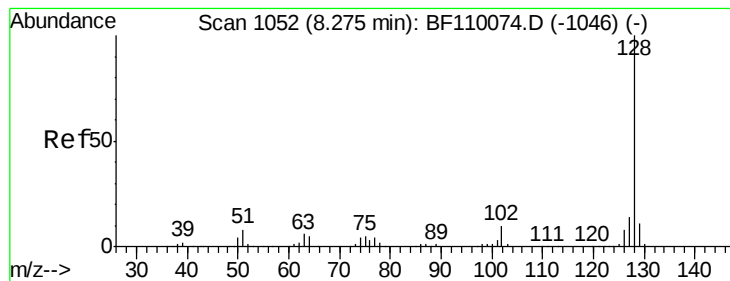
#30
 1,2,4-Trichlorobenzene
 Concen: 2.039 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:180 Resp: 24635
 Ion Ratio Lower Upper
 180 100
 182 96.7 80.3 120.5
 145 30.2 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.403 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

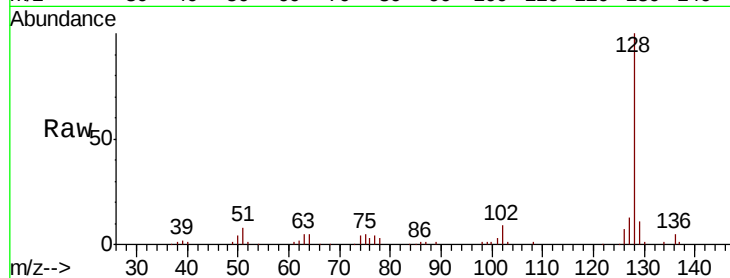
Tot Ion:128 Resp: 86073

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

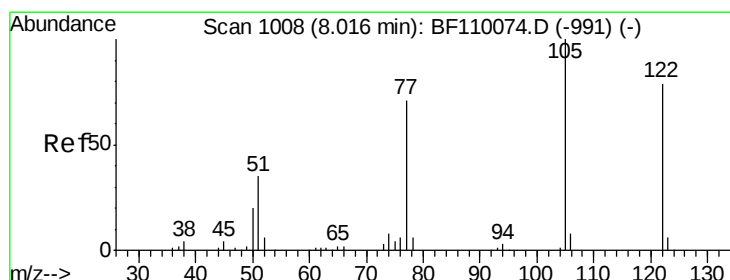
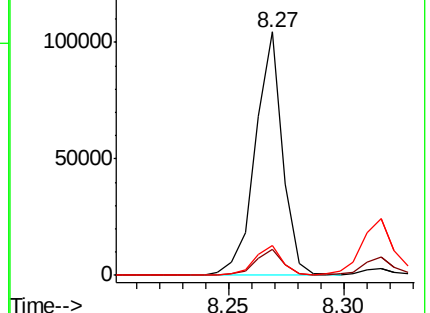
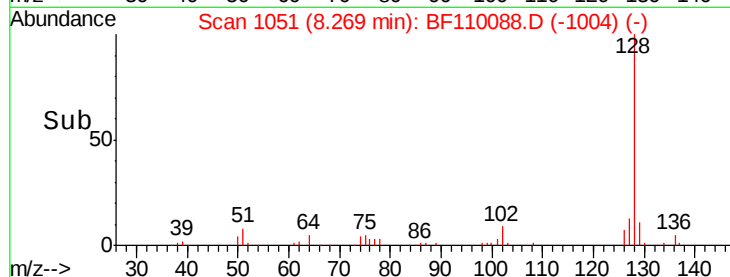
127 12.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.016 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.08 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

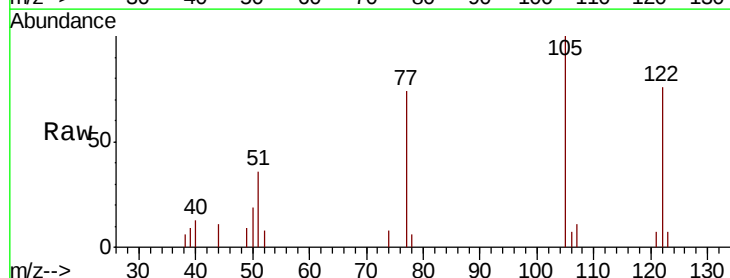
Tgt Ion:122 Resp: 8379

Ion Ratio Lower Upper

122 100

105 131.9 109.0 149.0

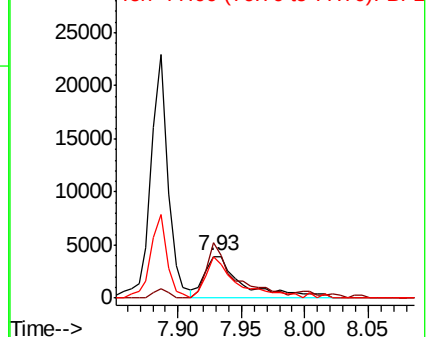
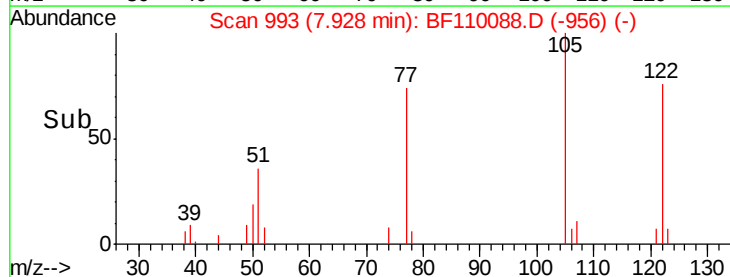
77 98.0 79.0 119.0

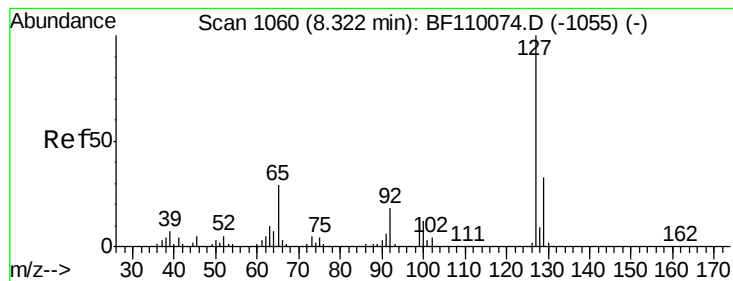


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 1.538 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 24799

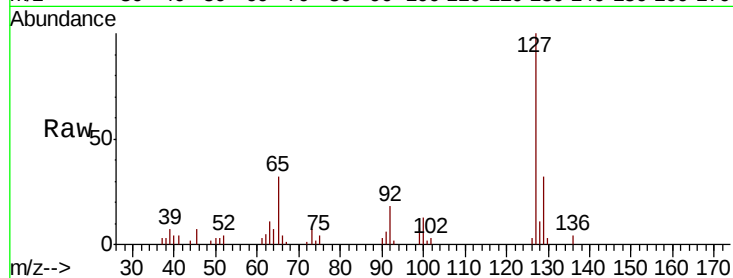
Ion Ratio Lower Upper

127 100

129 31.6 26.0 39.0

65 31.6 25.1 37.7

92 17.9 15.0 22.6

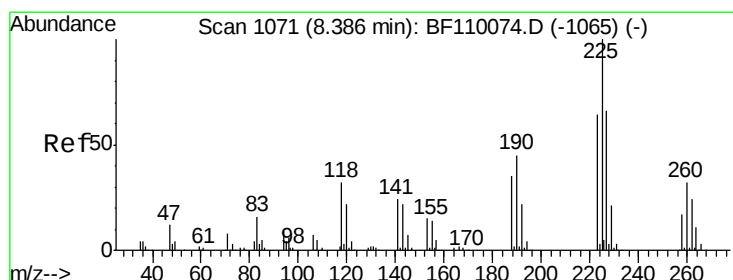
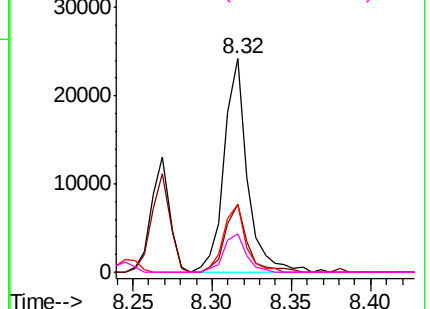
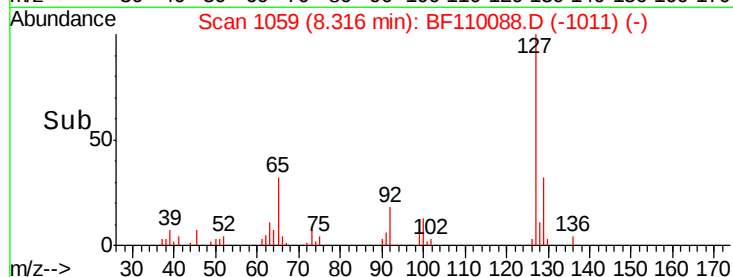


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 2.098 ng

RT: 8.38 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

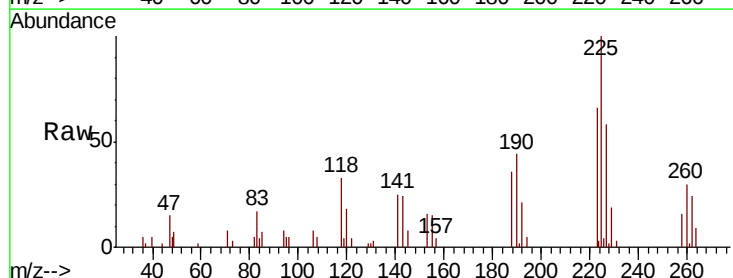
Tgt Ion:225 Resp: 14074

Ion Ratio Lower Upper

225 100

223 63.5 51.4 77.2

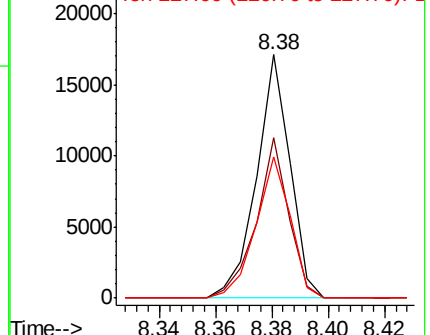
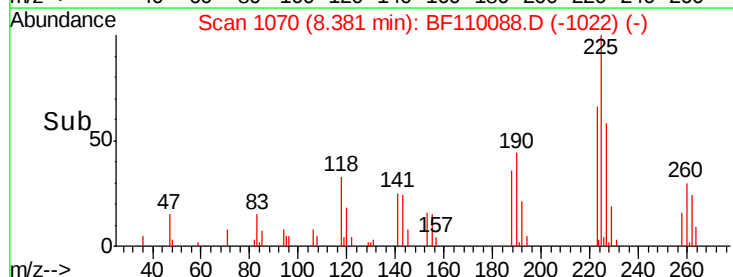
227 55.9 51.0 76.6

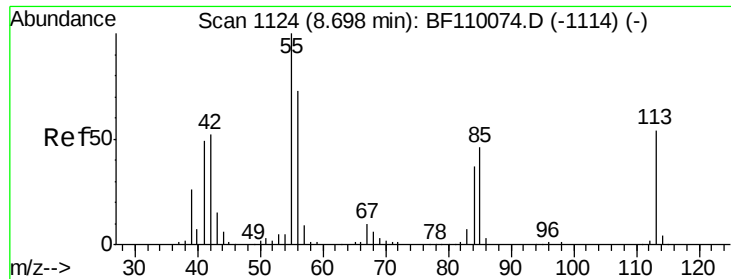


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

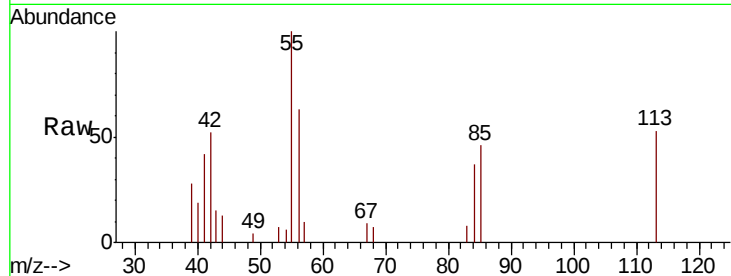




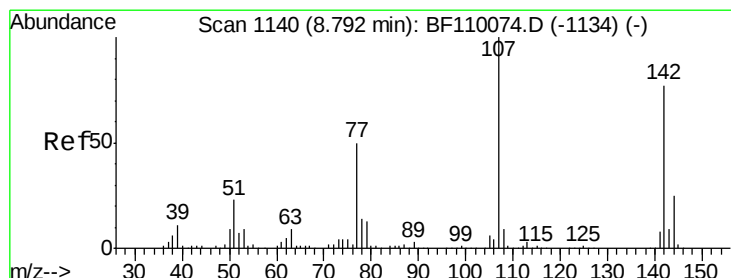
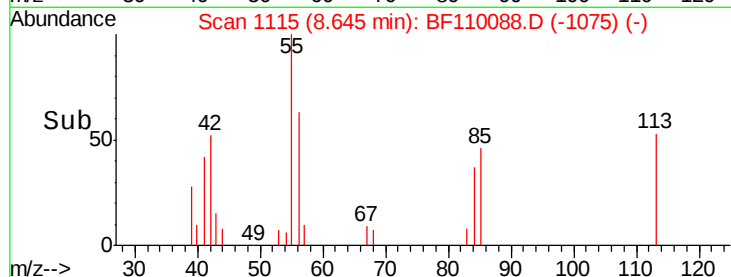
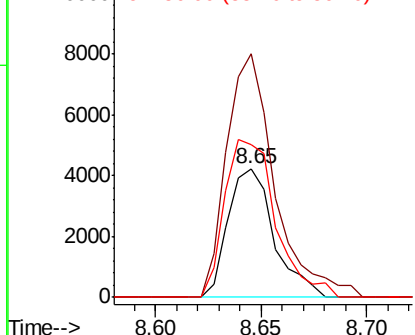
#35
Caprolactam
Concen: 1.695 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.06 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 6372
Ion Ratio Lower Upper
113 100
55 189.2 142.8 182.8#
56 119.0 105.0 145.0

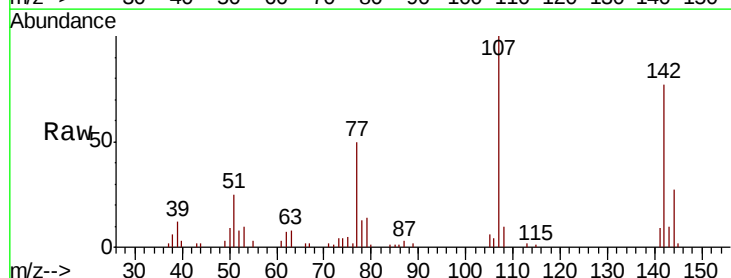


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

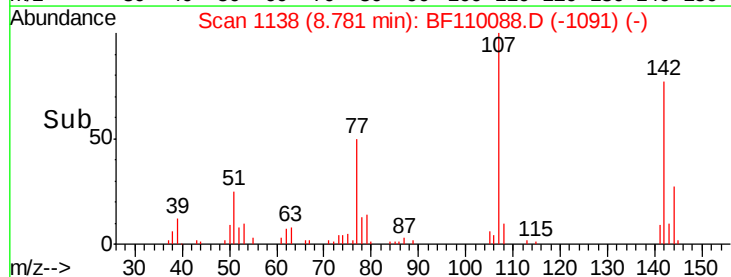
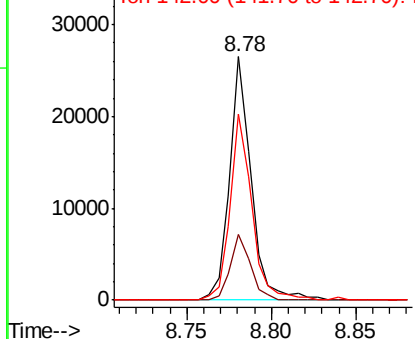


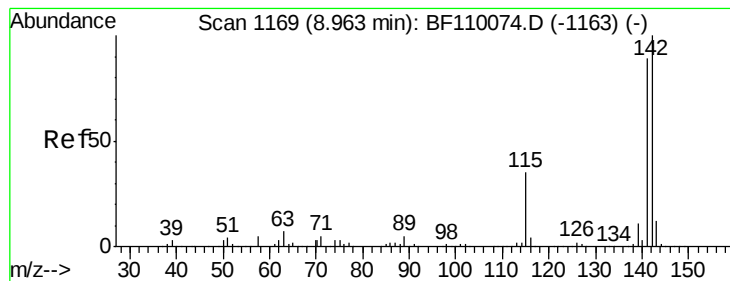
#36
4-Chloro-3-methylphenol
Concen: 2.010 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:107 Resp: 23440
Ion Ratio Lower Upper
107 100
144 26.8 20.0 30.0
142 76.5 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.489 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

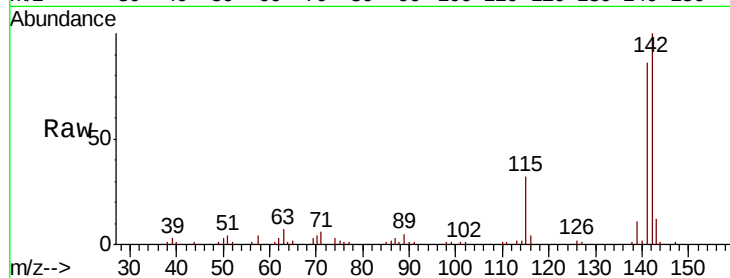
Tot Ion:142 Resp: 59001

Ion Ratio Lower Upper

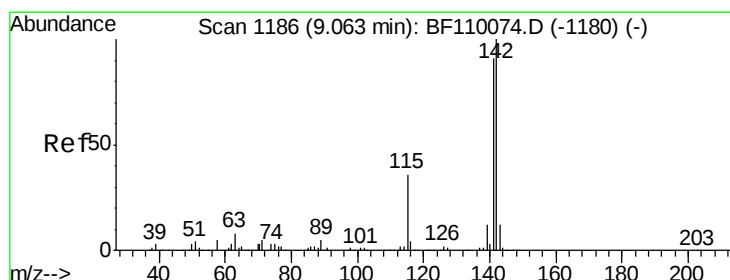
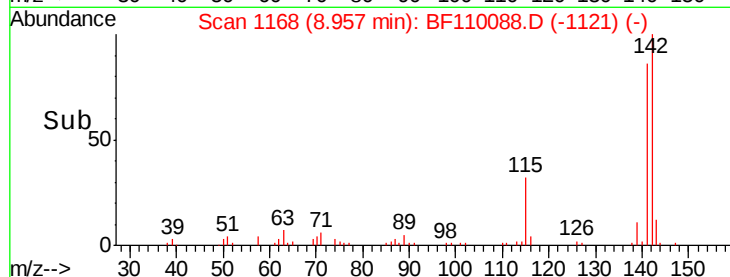
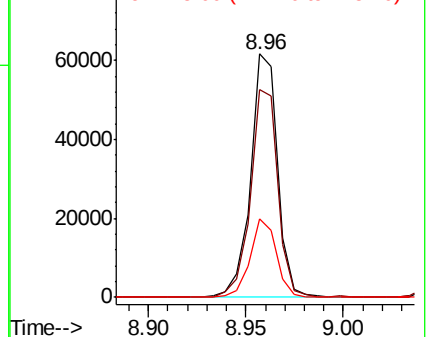
142 100

141 85.6 71.4 107.2

115 32.3 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.382 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

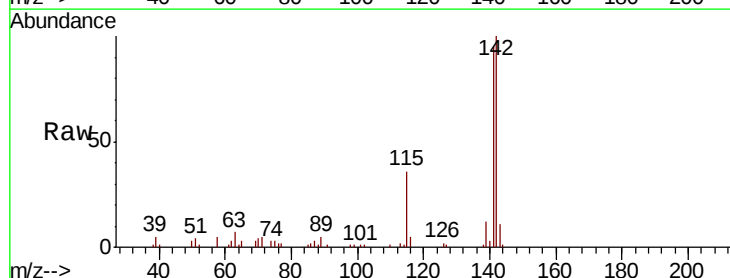
Tgt Ion:142 Resp: 54562

Ion Ratio Lower Upper

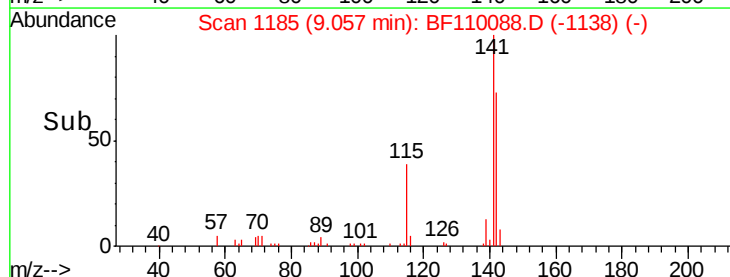
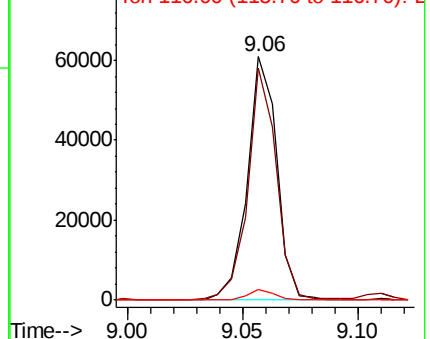
142 100

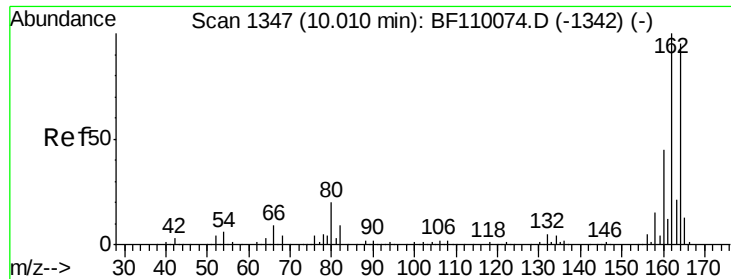
141 95.4 74.2 111.4

116 4.6 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

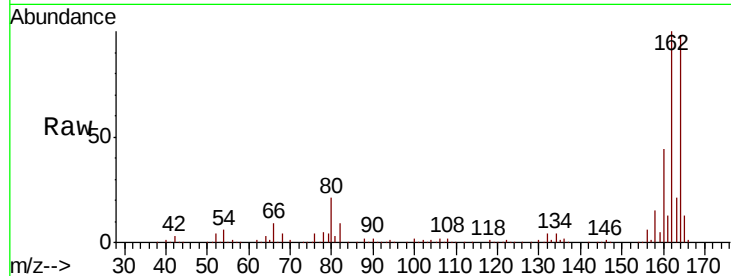
Tot Ion:164 Resp: 381521

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

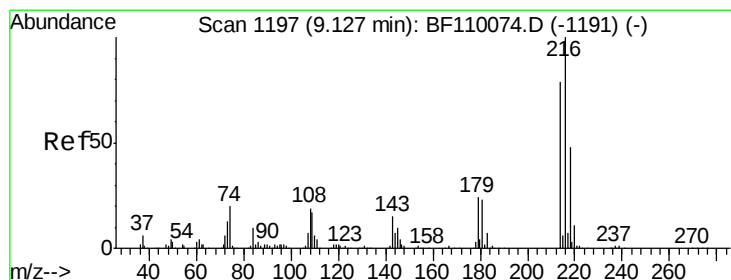
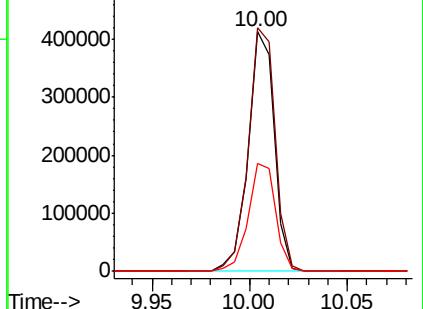
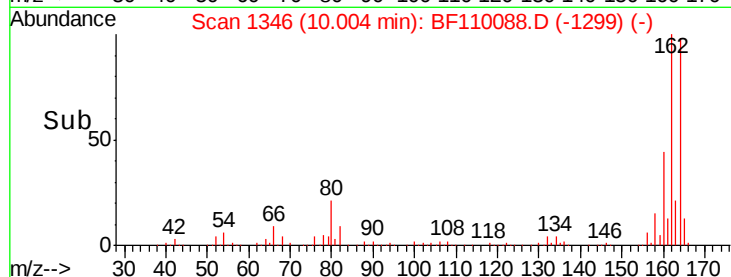
160 45.0 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.015 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Tgt Ion:216 Resp: 23951

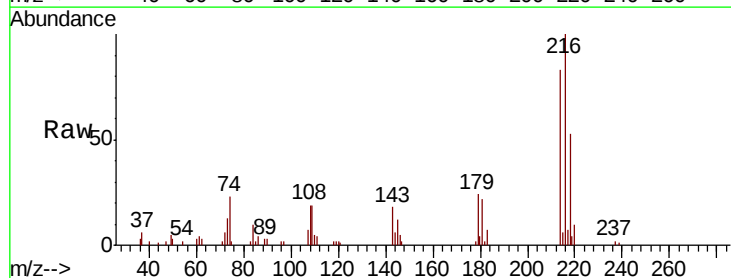
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.6

179 22.4 16.6 25.0

108 19.1 15.1 22.7

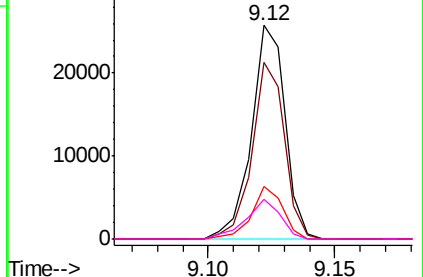
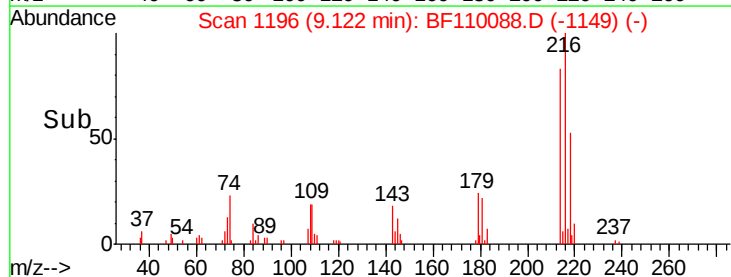


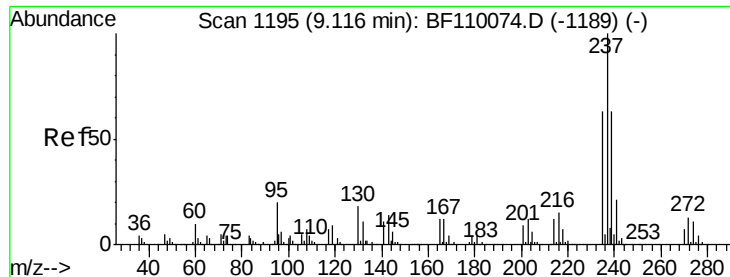
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1.690 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

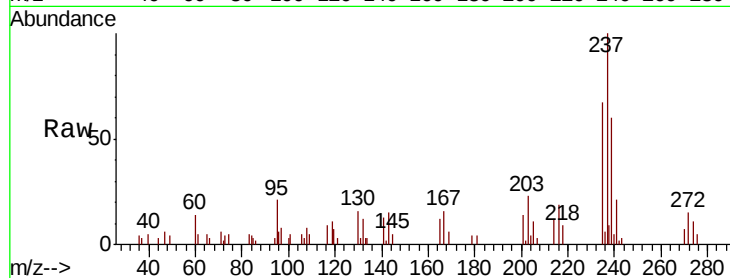
Tot Ion:237 Resp: 10274

Ion Ratio Lower Upper

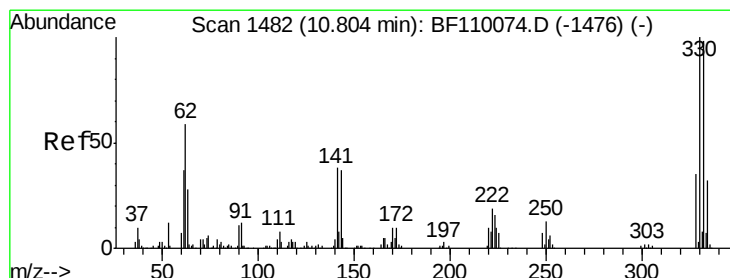
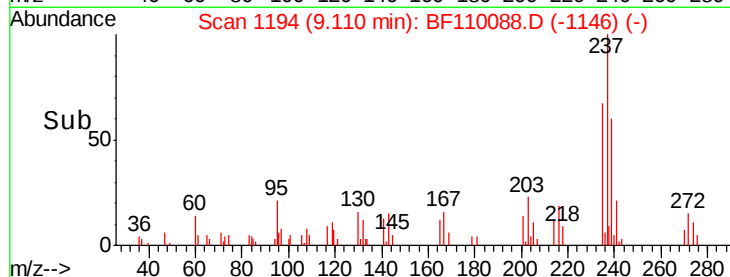
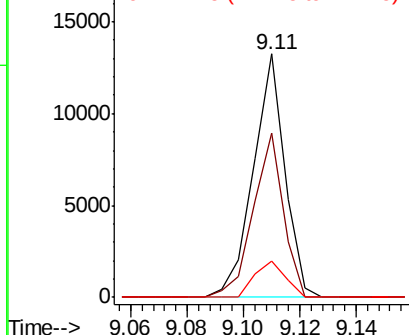
237 100

235 67.4 43.1 83.1

272 14.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.435 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

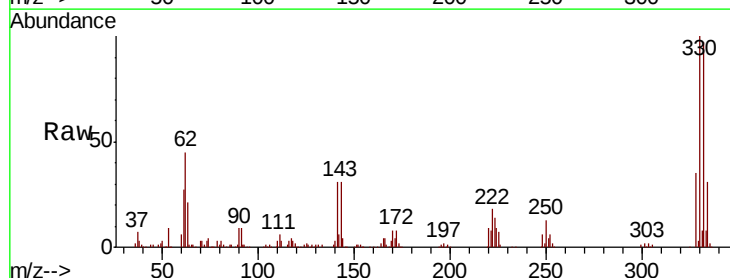
Tgt Ion:330 Resp: 470268

Ion Ratio Lower Upper

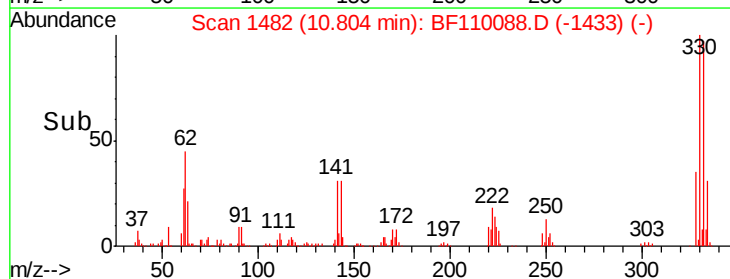
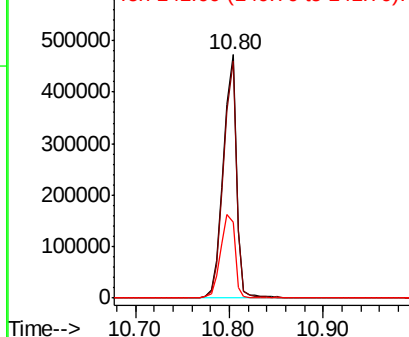
330 100

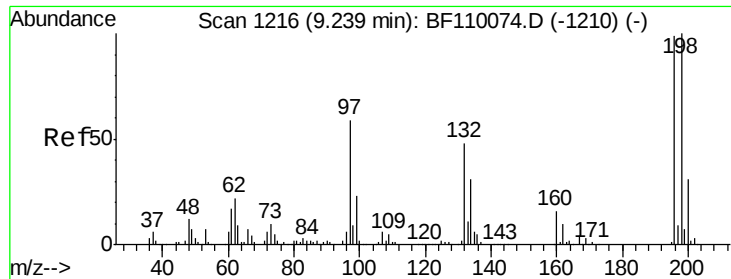
332 96.8 77.1 115.7

141 37.5 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

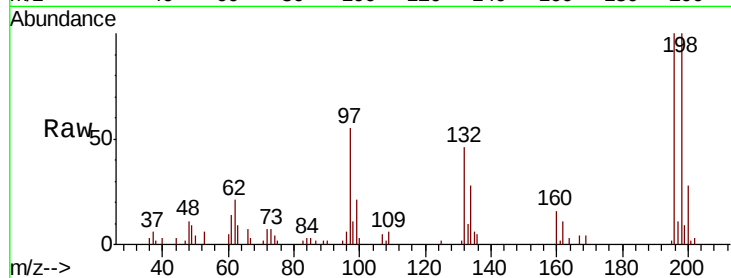




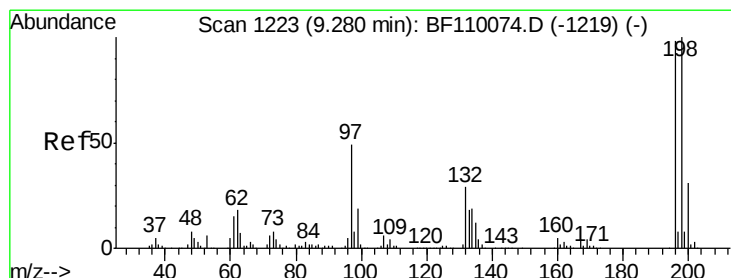
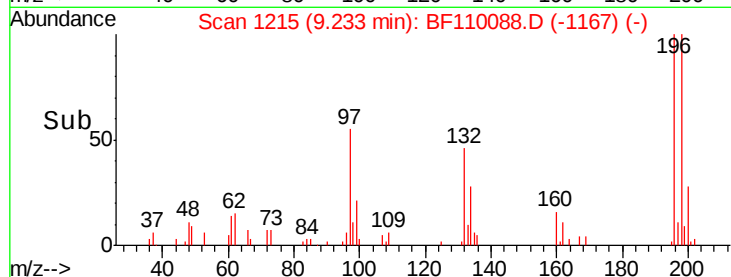
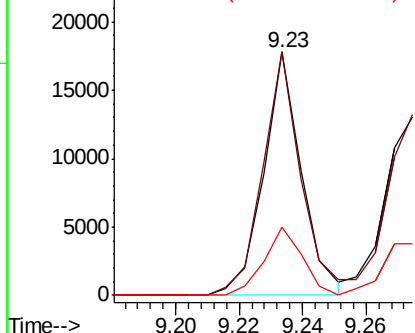
#43
 2,4,6-Trichlorophenol
 Concen: 1.929 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 14793
 Ion Ratio Lower Upper
 196 100
 198 99.9 76.2 114.4
 200 27.8 24.4 36.6

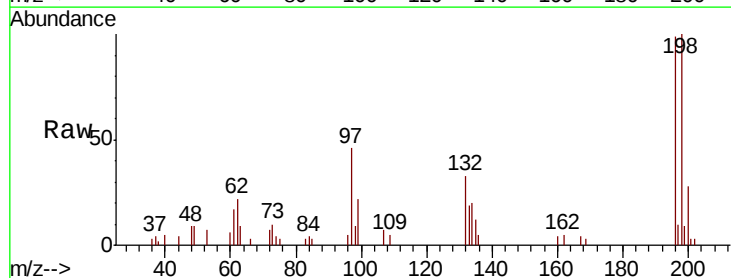


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

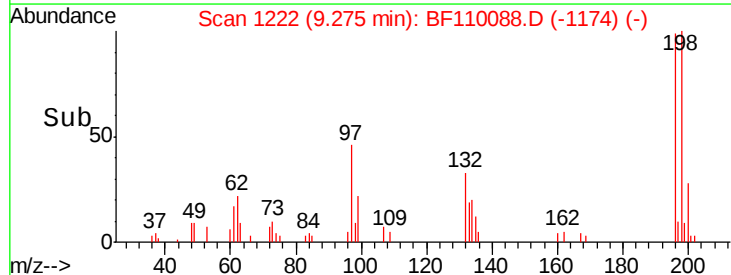
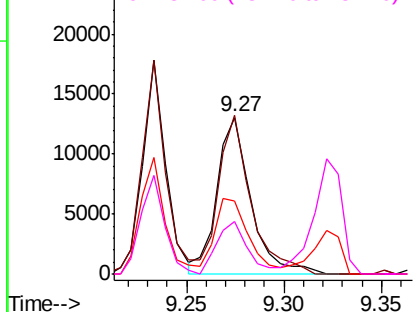


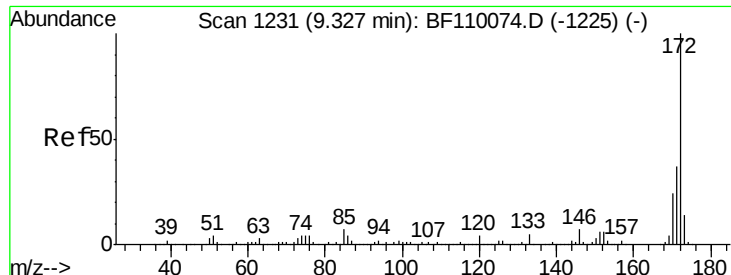
#44
 2,4,5-Trichlorophenol
 Concen: 1.944 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:196 Resp: 15755
 Ion Ratio Lower Upper
 196 100
 198 101.3 75.8 113.6
 97 46.9 42.4 63.6
 132 33.5 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

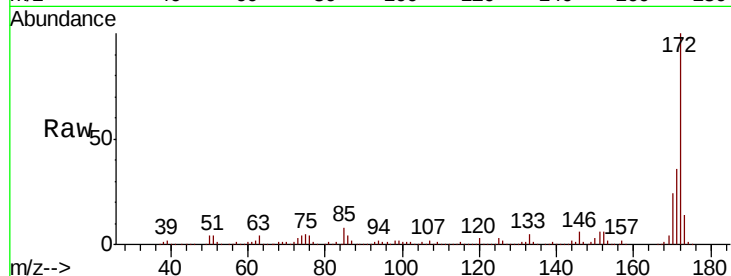




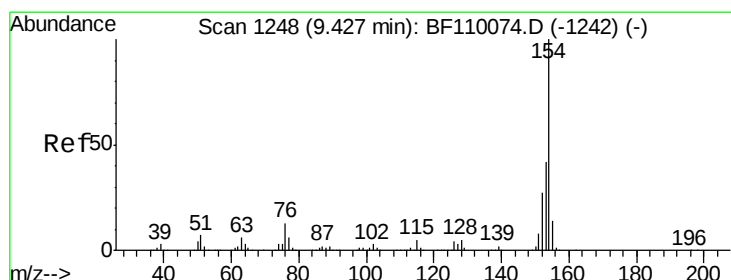
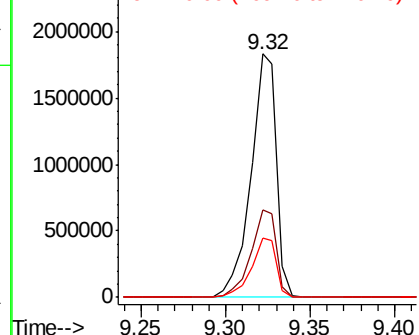
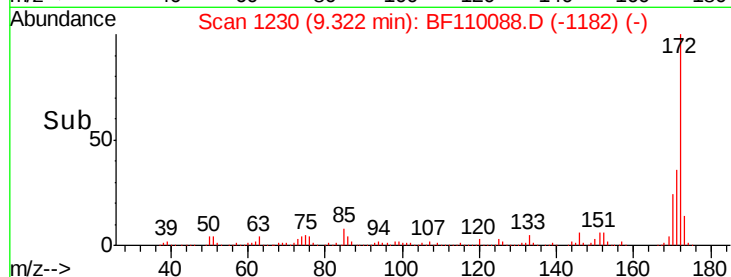
#45
2-Fluorobiphenyl
Concen: 79.548 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1932762
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.7 29.5

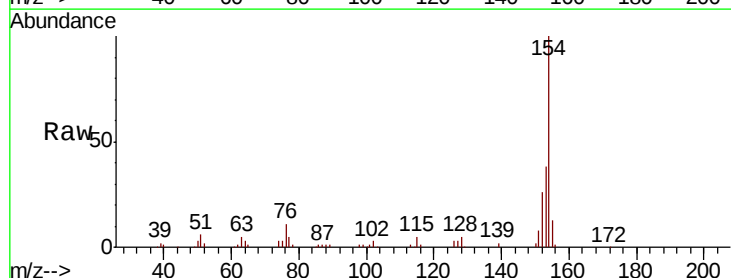


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

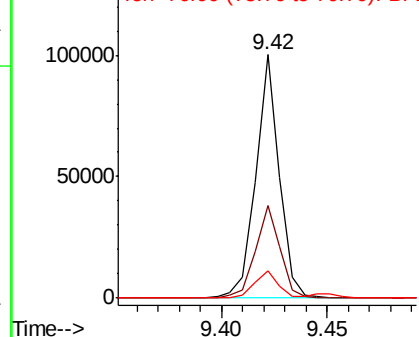
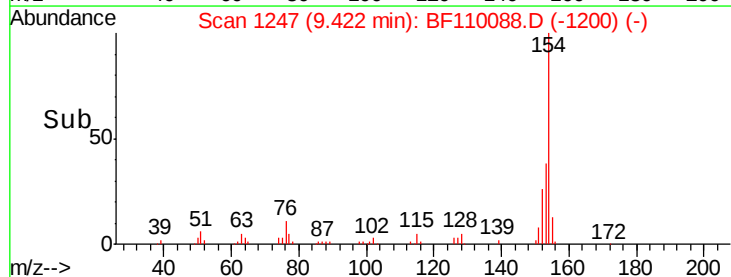


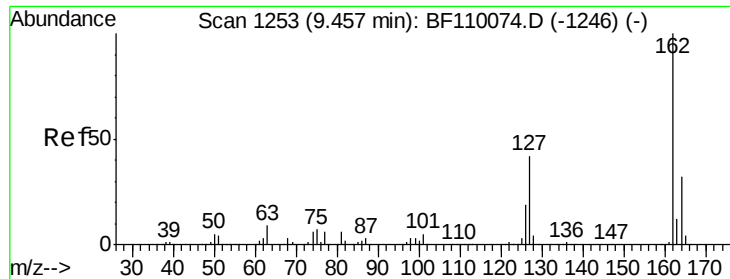
#46
1,1'-Biphenyl
Concen: 2.246 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:154 Resp: 77481
Ion Ratio Lower Upper
154 100
153 38.0 20.4 60.4
76 11.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
100000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

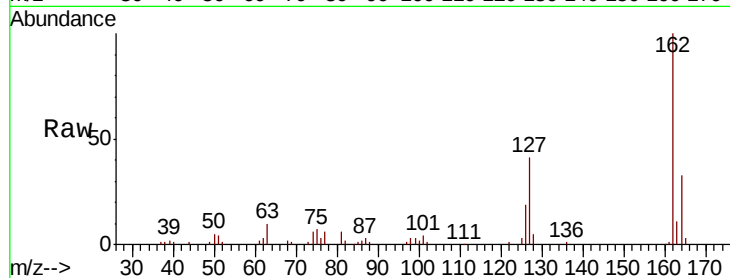




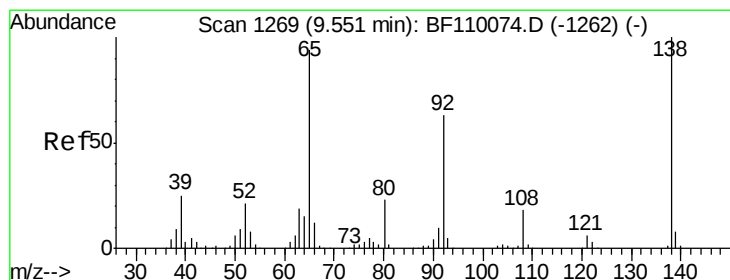
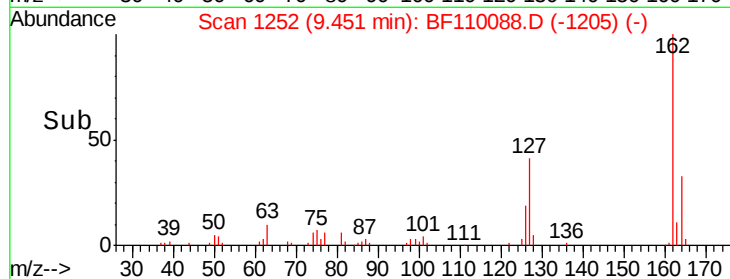
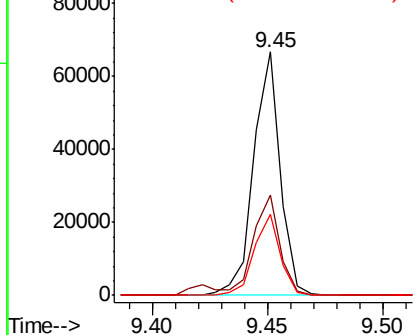
#47
 2-Chloronaphthalene
 Concen: 2.127 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	32.6	48.8
164	33.4	25.9	38.9

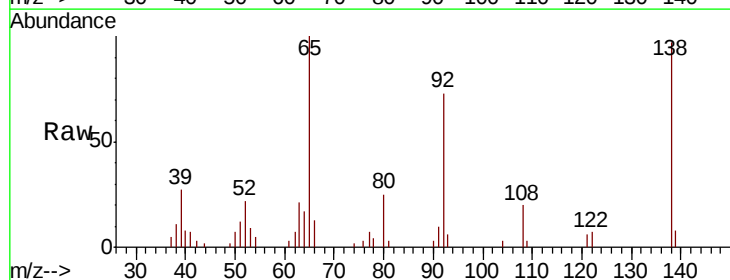


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

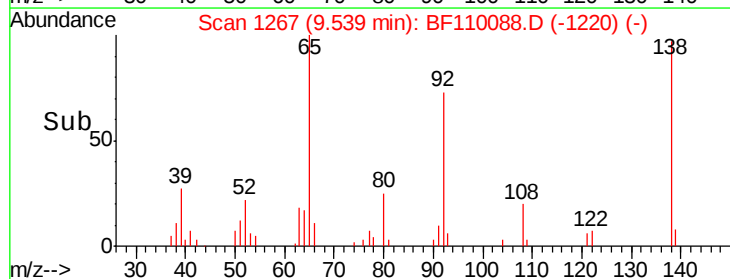
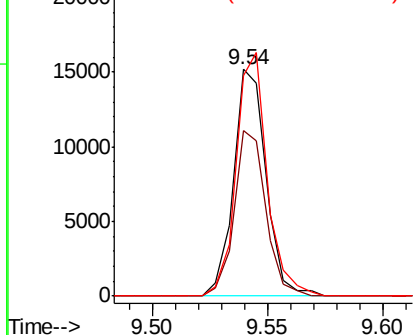


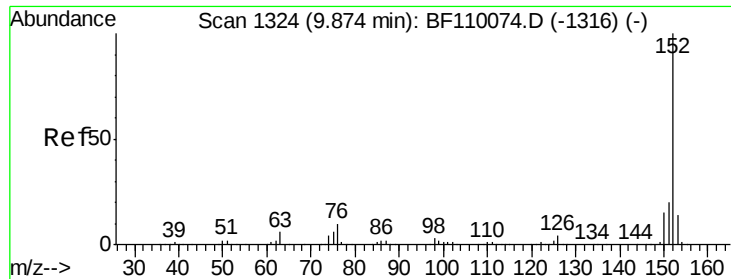
#48
 2-Nitroaniline
 Concen: 1.946 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.1	54.6	81.8
138	97.4	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 2.360 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampled :

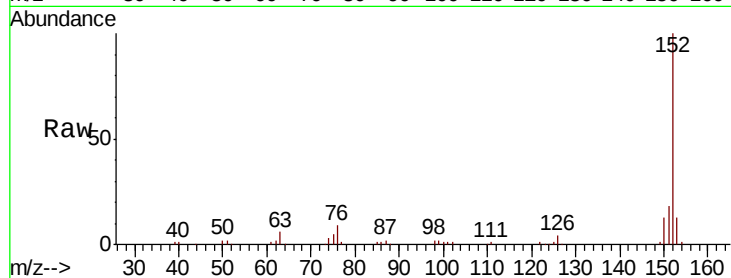
Tot Ion:152 Resp: 86269

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.8

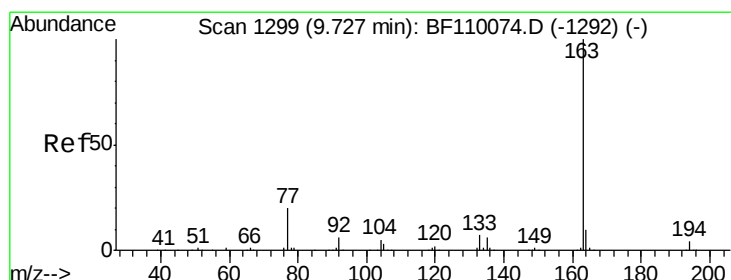
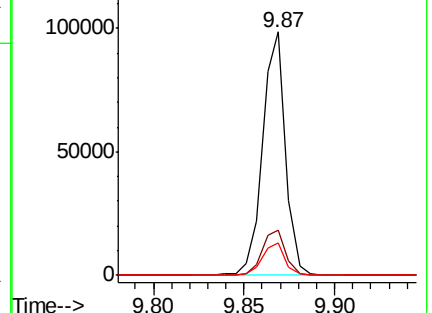
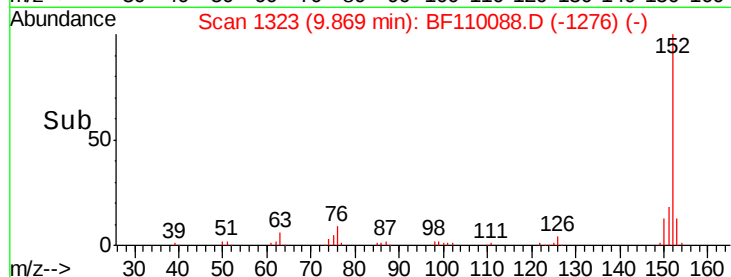
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 2.225 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

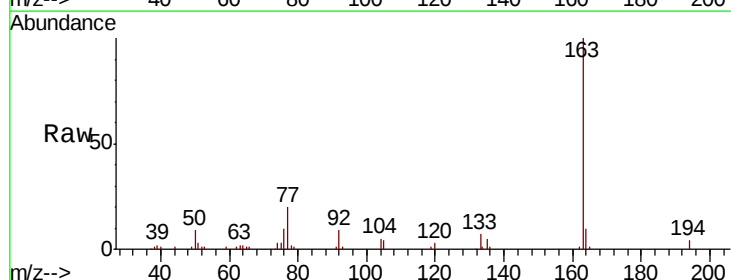
Tgt Ion:163 Resp: 62652

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

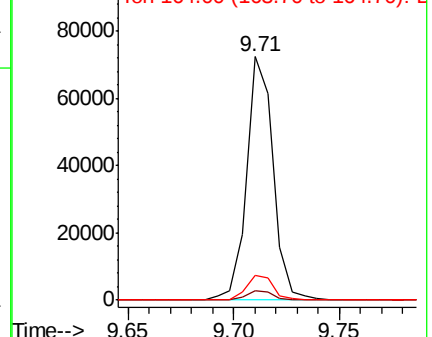
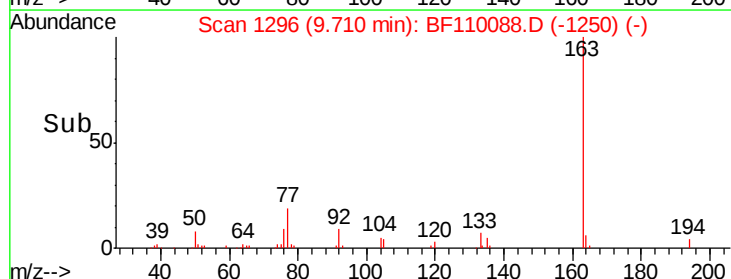
164 10.3 8.1 12.1

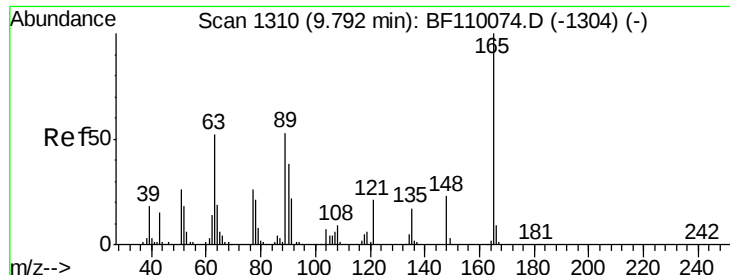


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

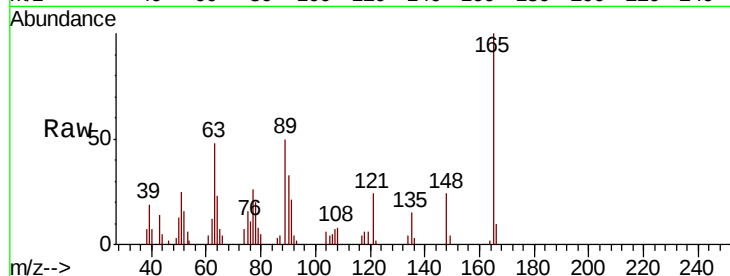




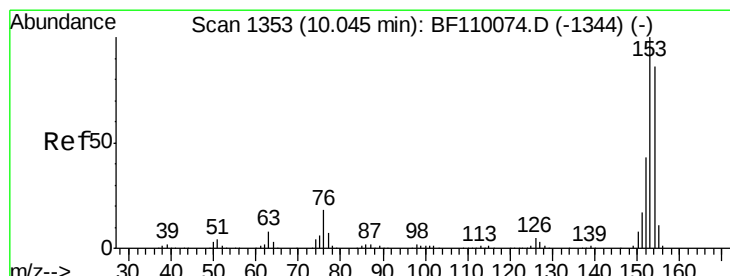
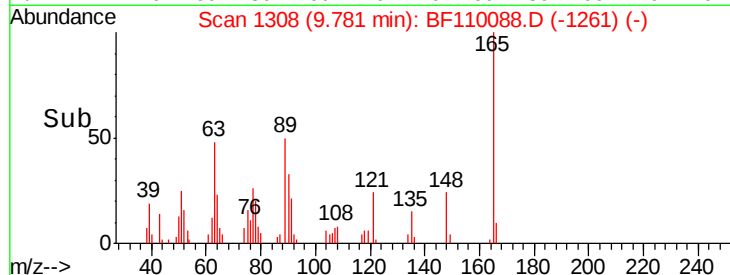
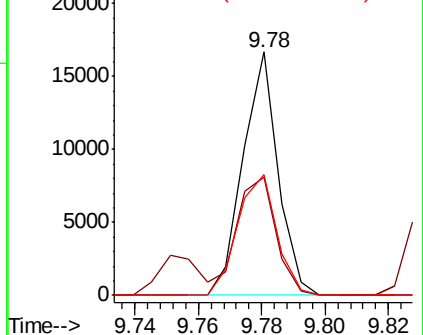
#51
2,6-Dinitrotoluene
Concen: 2.095 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 12712
Ion Ratio Lower Upper
165 100
63 48.4 48.9 73.3#
89 49.8 46.6 69.8

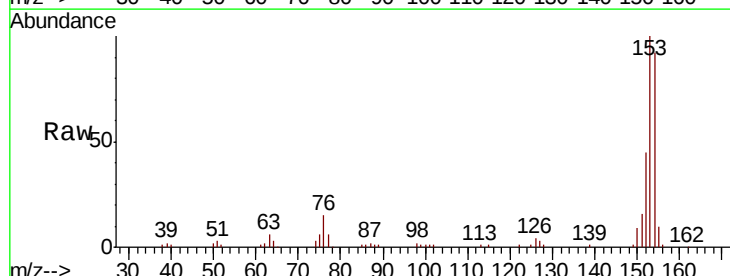


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

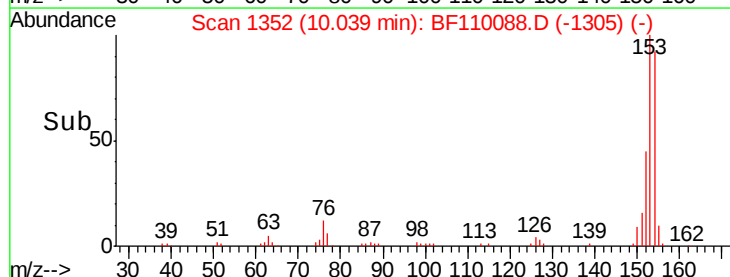
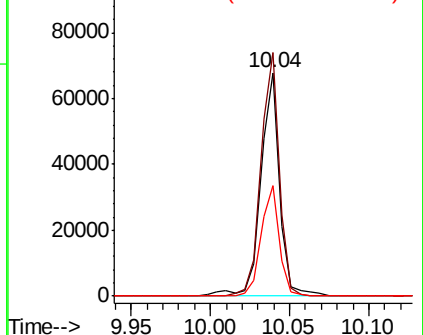


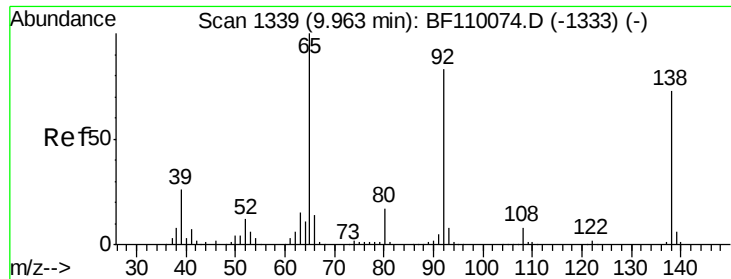
#52
Acenaphthene
Concen: 2.331 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:154 Resp: 56377
Ion Ratio Lower Upper
154 100
153 108.9 90.1 135.1
152 49.4 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

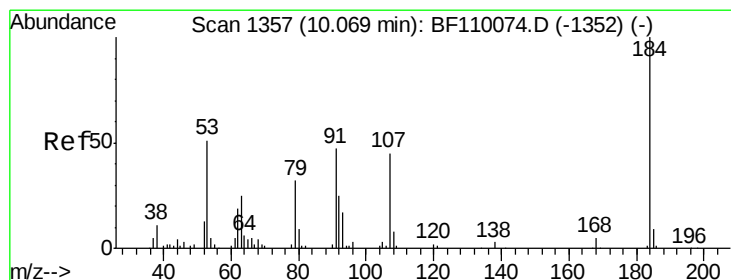
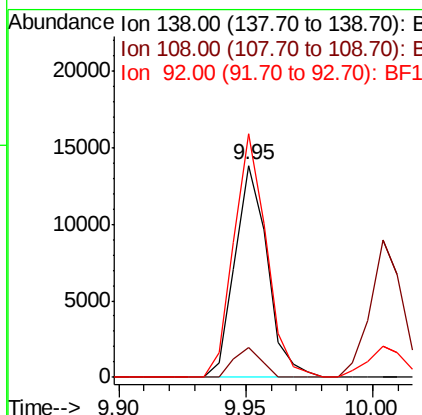
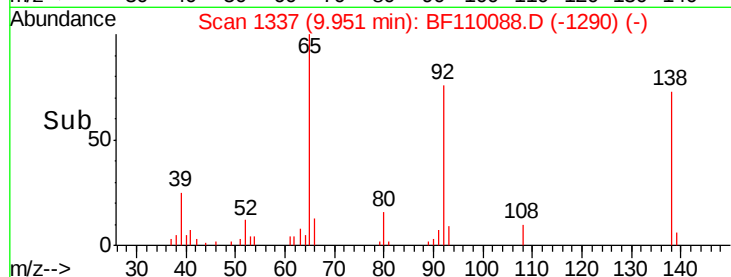
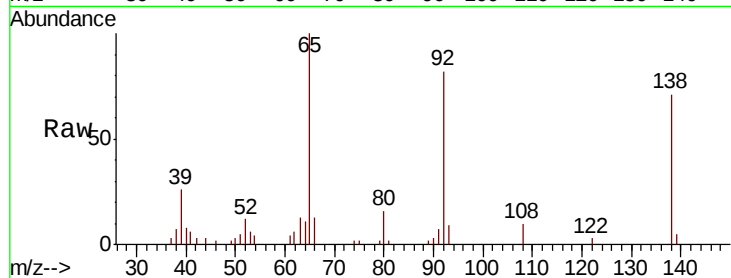




#53
 3-Nitroaniline
 Concen: 1.712 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

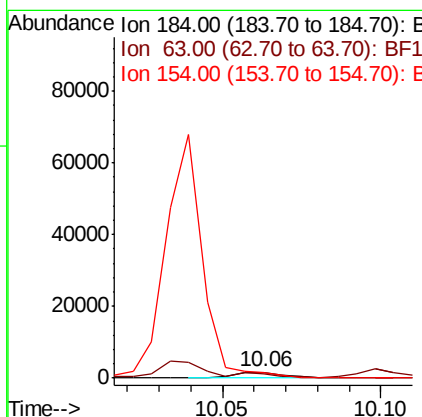
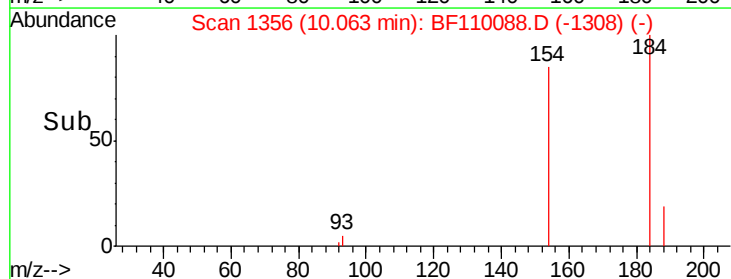
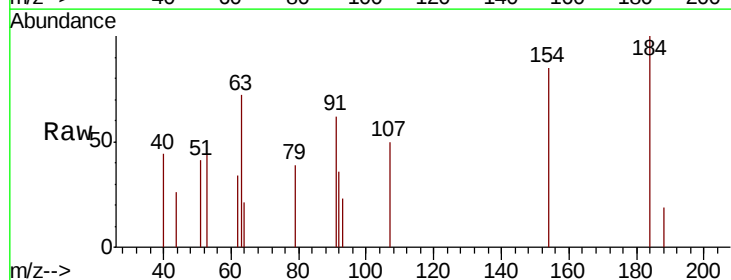
Instrument :
 BNA_F
 ClientSampleId :

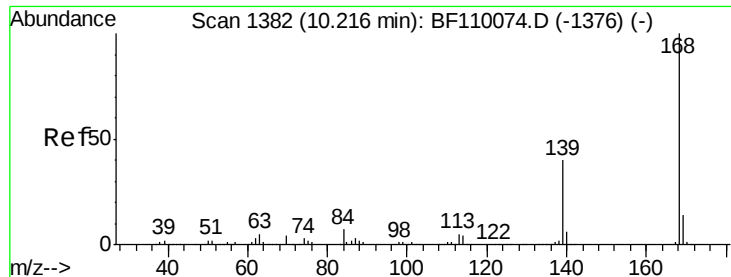
Tot Ion:138 Resp: 12352
 Ion Ratio Lower Upper
 138 100
 108 14.3 8.7 13.1#
 92 115.0 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 5.850 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:184 Resp: 1737
 Ion Ratio Lower Upper
 184 100
 63 72.0 55.8 83.6
 154 85.1 63.2 94.8

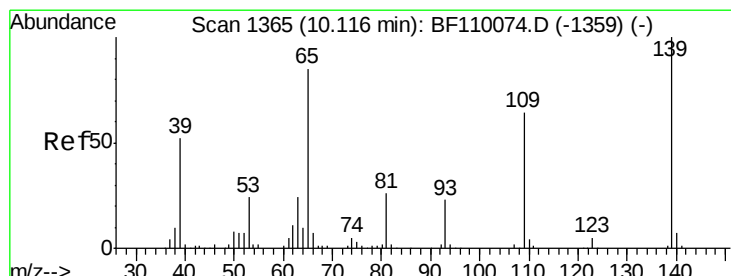
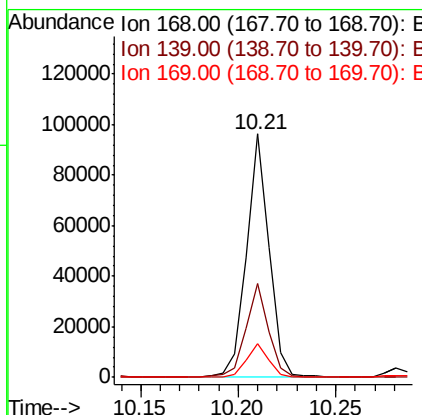
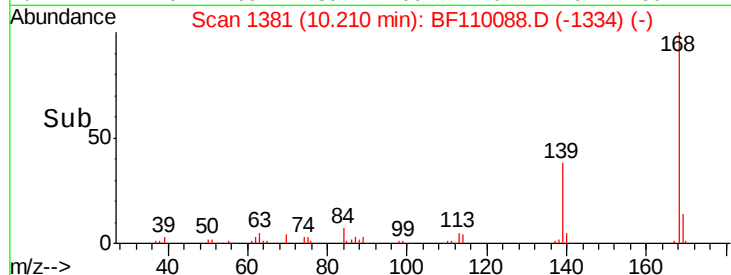
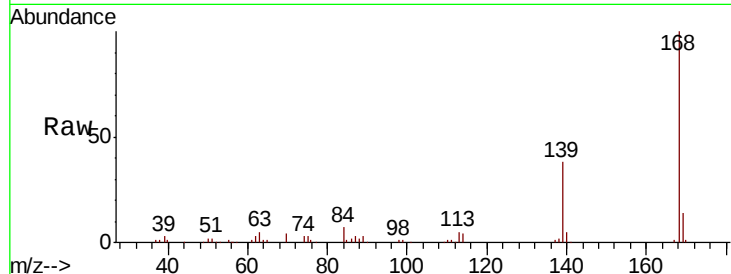




#55
Dibenzenofuran
Concen: 2.275 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

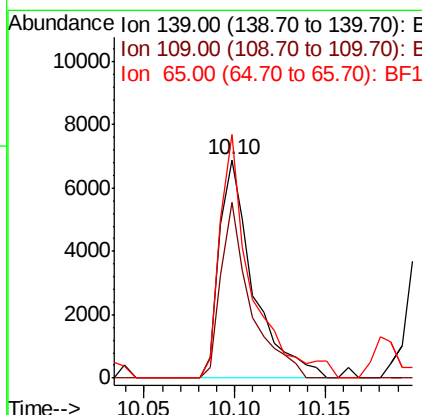
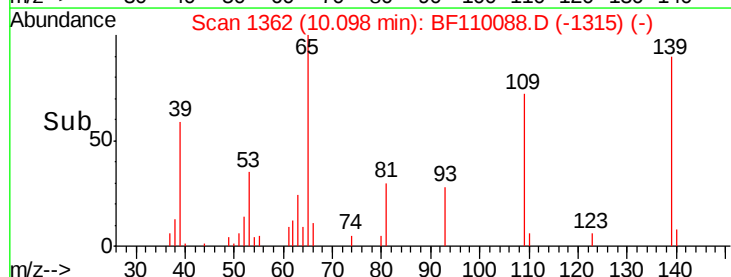
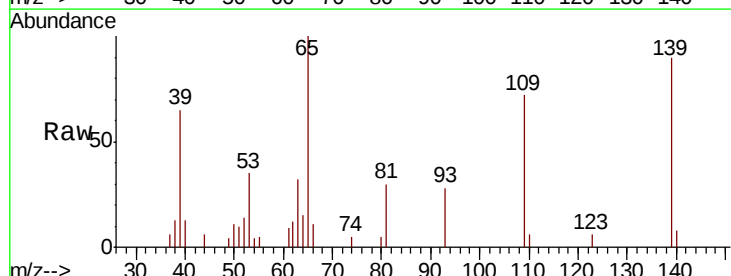
Instrument :
BNA_F
ClientSampleId :

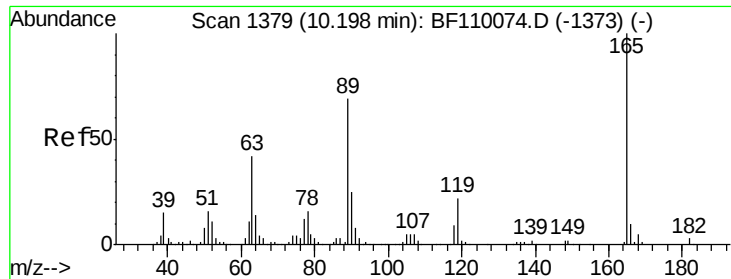
Tot Ion:168 Resp: 77035
Ion Ratio Lower Upper
168 100
139 38.3 33.0 49.6
169 14.0 11.3 16.9



#56
4-Nitrophenol
Concen: 1.688 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:139 Resp: 9011
Ion Ratio Lower Upper
139 100
109 80.5 55.8 95.8
65 111.4 77.9 117.9

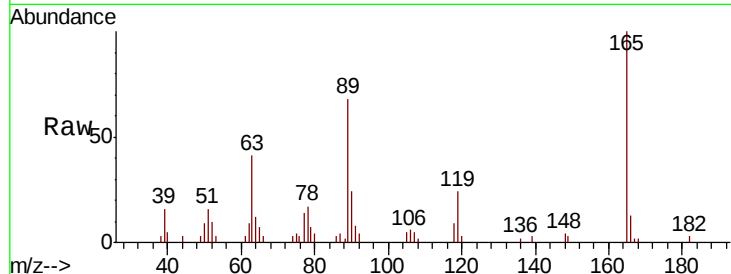




#57
2,4-Dinitrotoluene
Concen: 1.964 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.8	44.8	67.2#
89	67.9	62.2	93.4
182	2.8	2.1	3.1



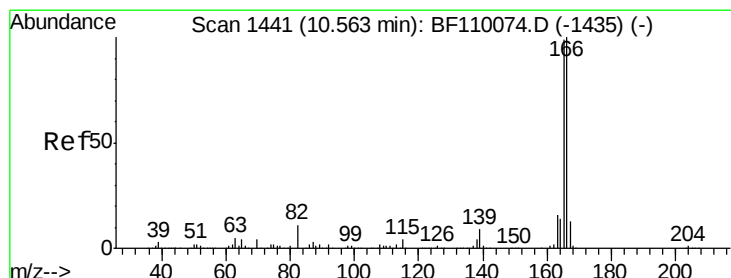
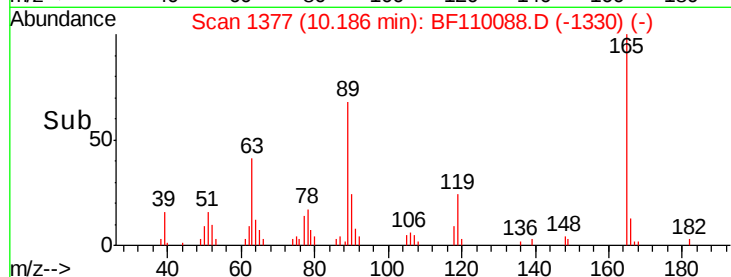
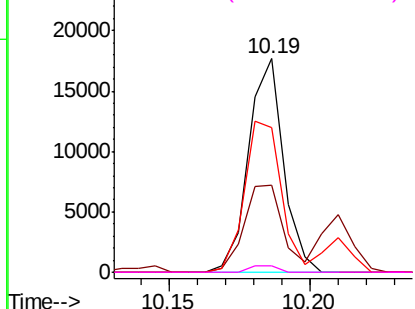
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

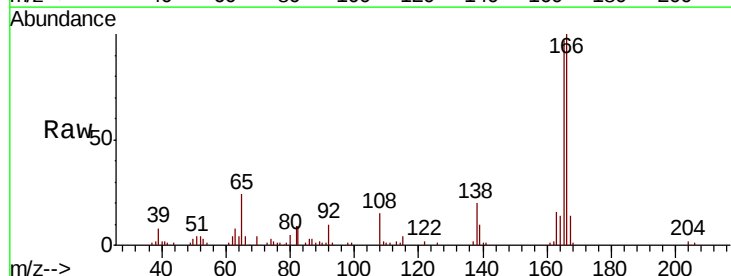
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 2.417 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	117.8
167	14.0	10.8	16.2

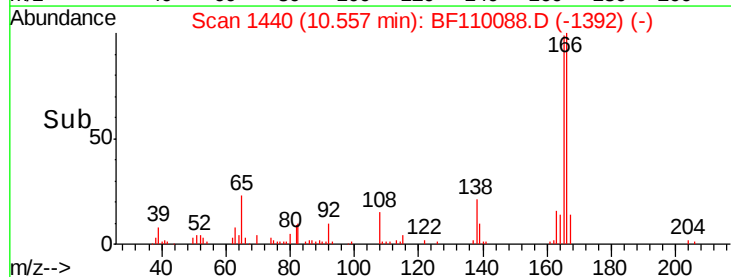
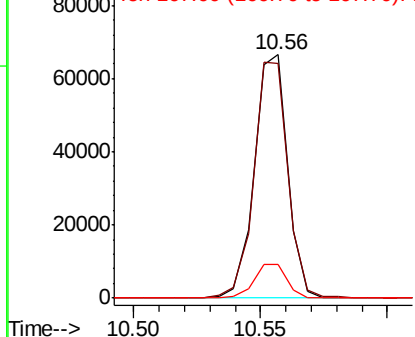


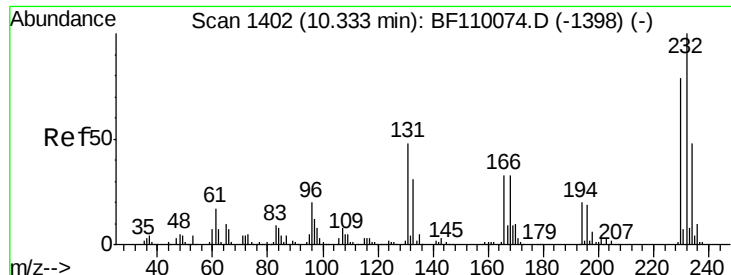
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

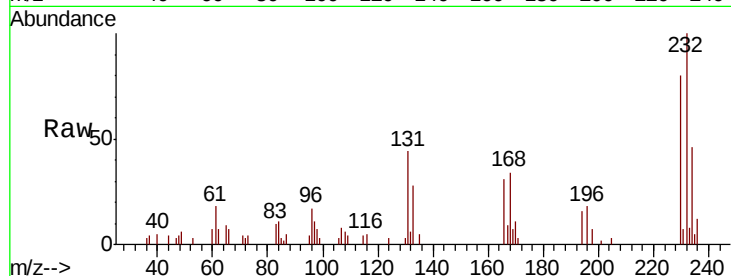




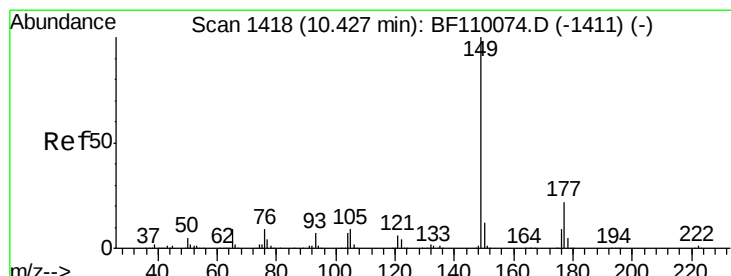
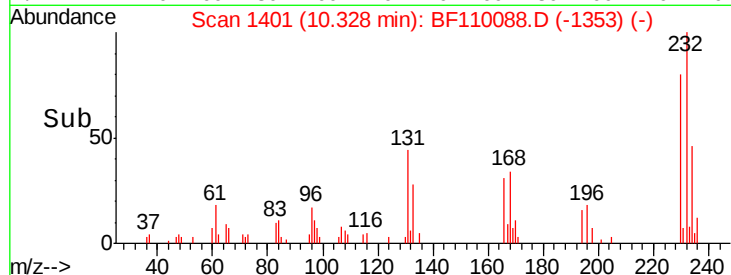
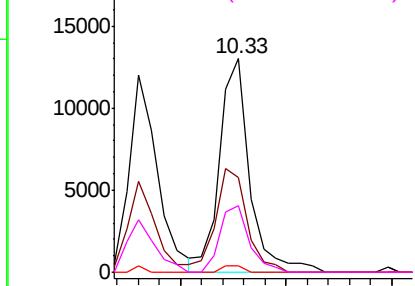
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.952 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	12895
Ion	Ratio	Lower	Upper
232	100		
131	50.4	37.0	55.4
130	2.2	1.8	2.6
166	30.3	22.0	33.0

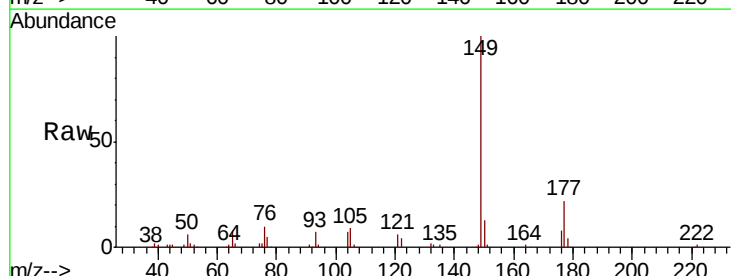


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

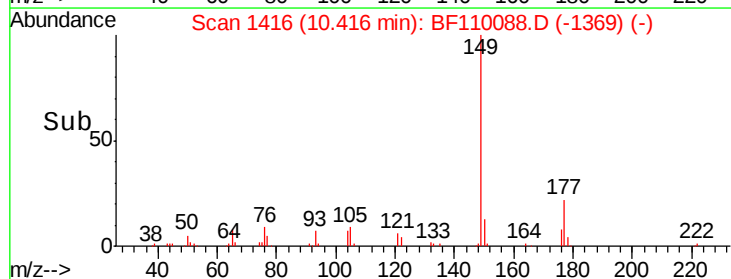
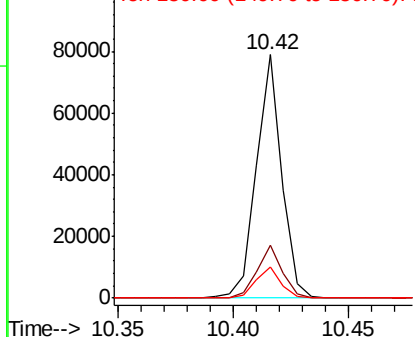


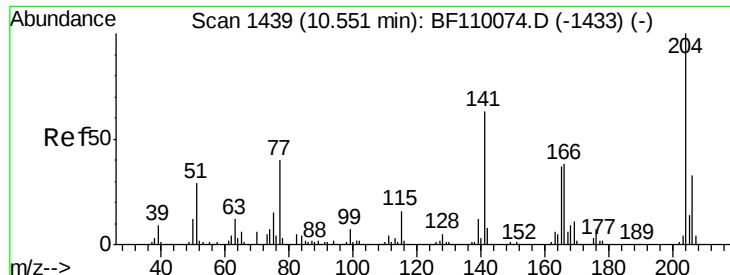
#60
 Diethylphthalate
 Concen: 2.195 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:	149	Resp:	60357
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.2
150	13.0	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

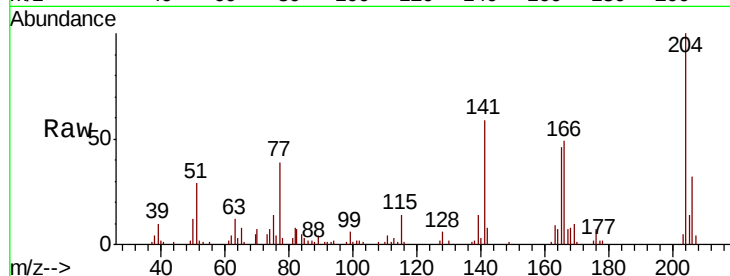




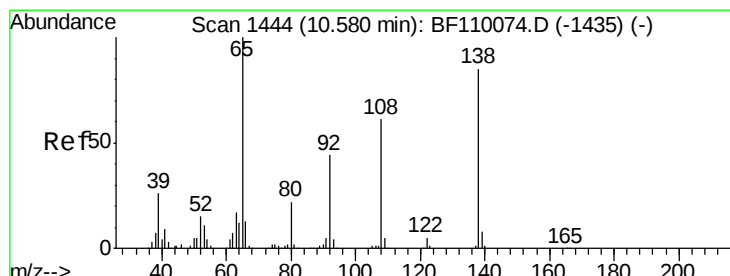
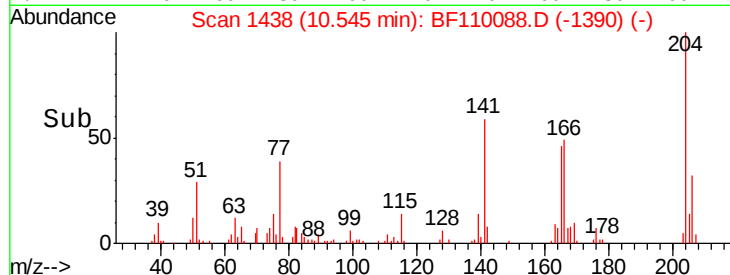
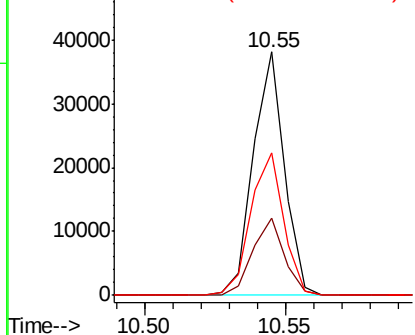
#61
 4-Chlorophenyl-phenylether
 Concen: 2.187 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 29073
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.5 39.7
 141 58.8 51.8 77.8

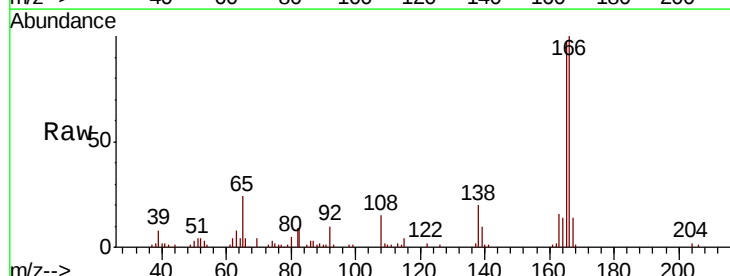


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

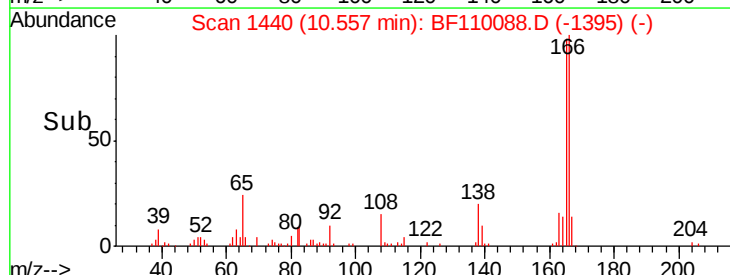
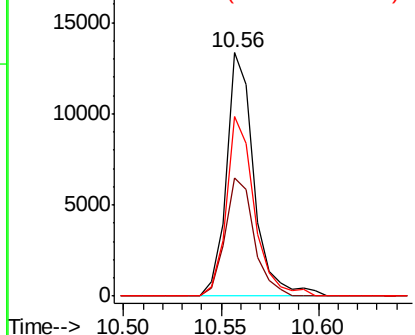


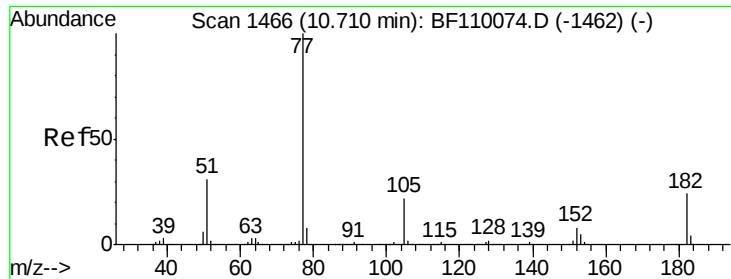
#62
 4-Nitroaniline
 Concen: 1.821 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.04 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:138 Resp: 13066
 Ion Ratio Lower Upper
 138 100
 92 48.4 31.7 71.7
 108 73.7 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

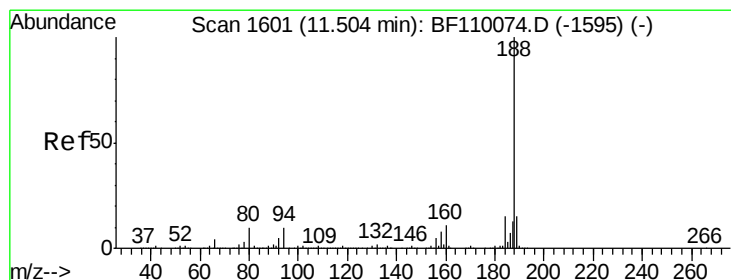
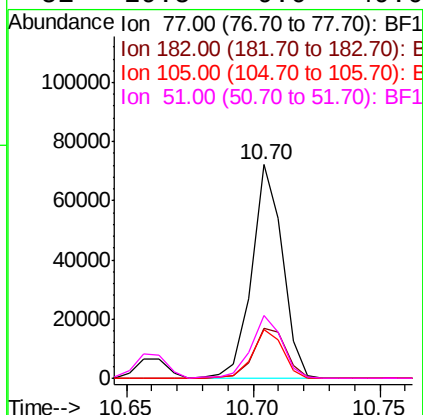
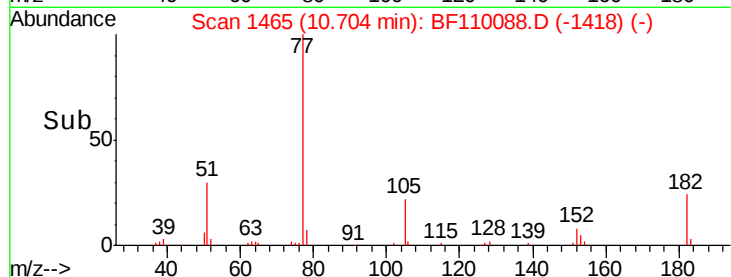
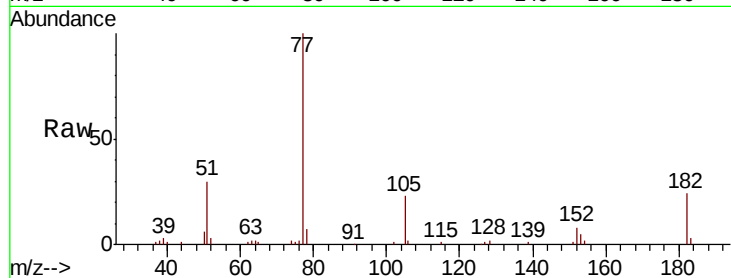




#63
Azobenzene
Concen: 2.238 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

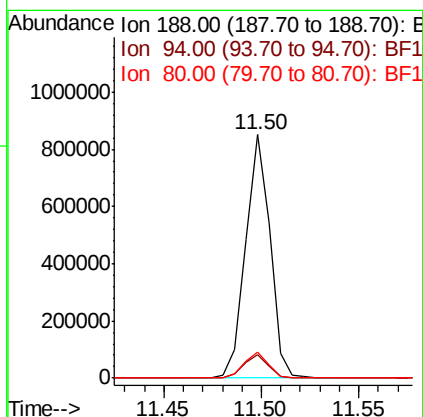
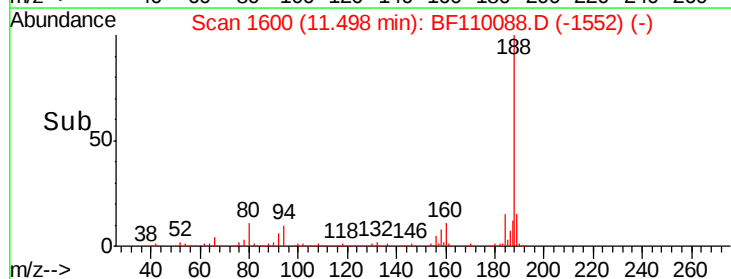
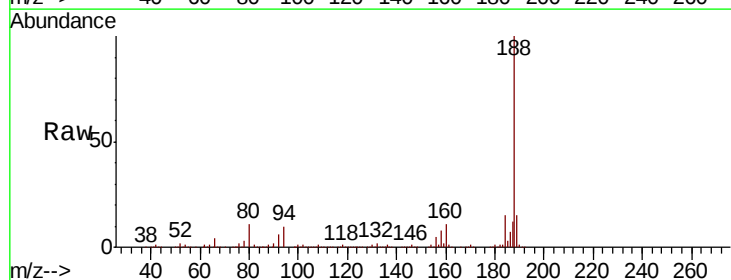
Instrument :
BNA_F
ClientSampleId :

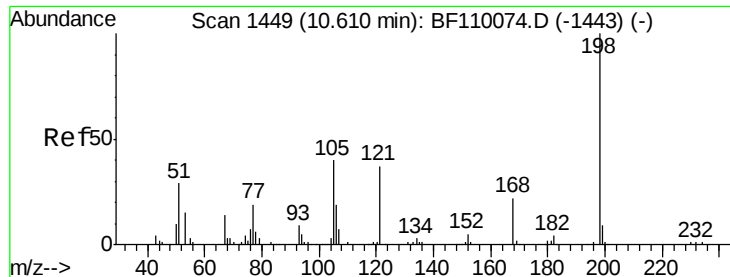
Tot Ion:	77	Resp:	61078
Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.3	44.3
105	22.8	1.3	41.3
51	29.5	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:	188	Resp:	740359
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.6	7.9	11.9

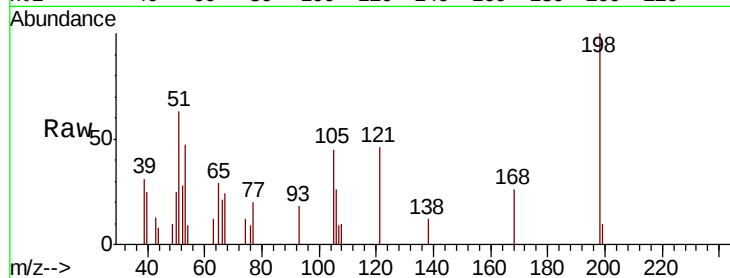




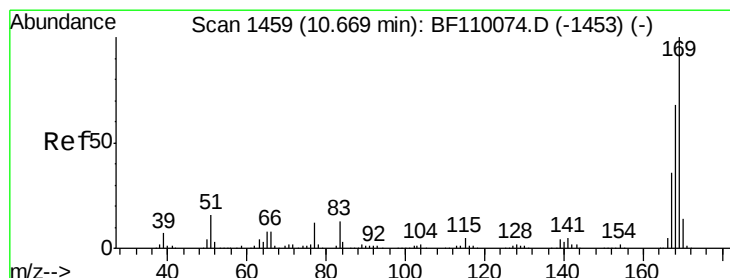
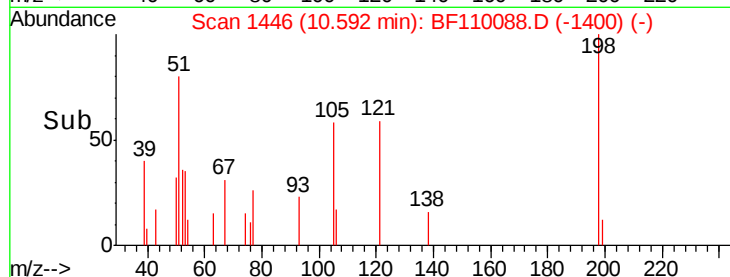
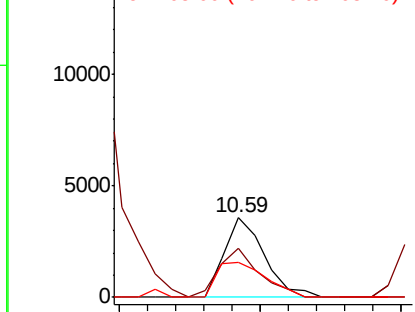
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.041 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.03 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 3522
 Ion Ratio Lower Upper
 198 100
 51 62.5 22.8 62.8
 105 44.8 23.6 63.6

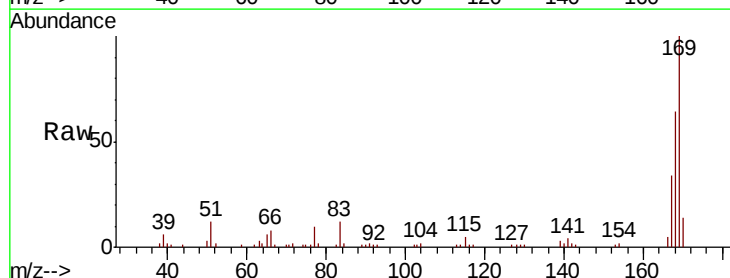


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

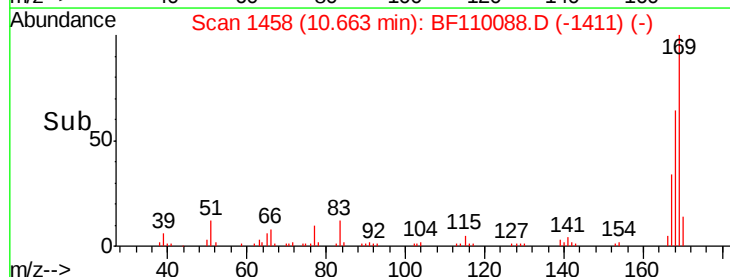
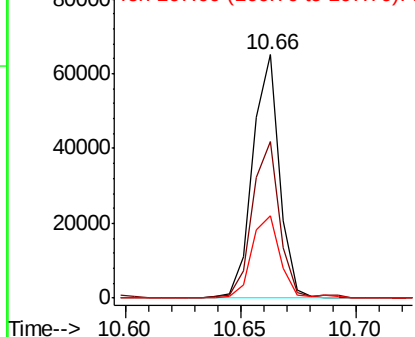


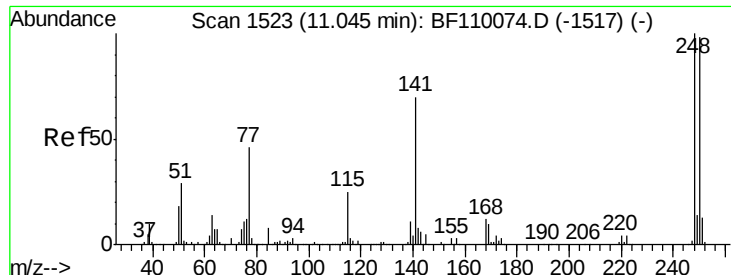
#66
 n-Nitrosodiphenylamine
 Concen: 2.171 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:169 Resp: 52716
 Ion Ratio Lower Upper
 169 100
 168 64.2 51.2 76.8
 167 33.8 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

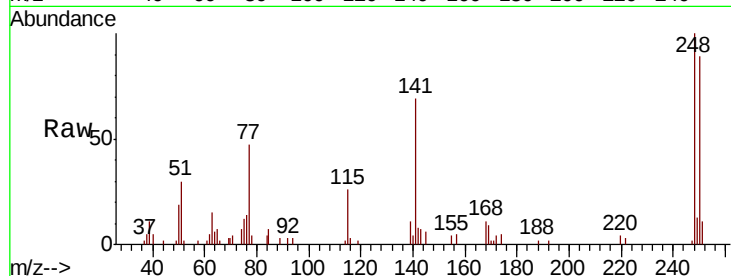




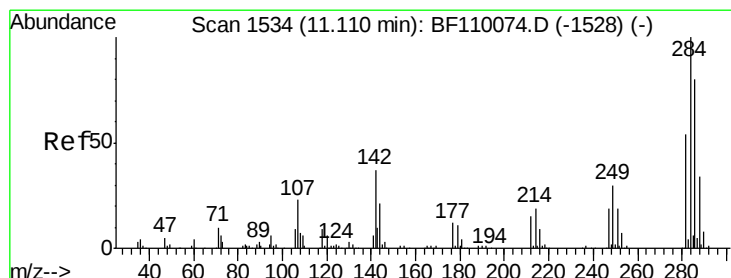
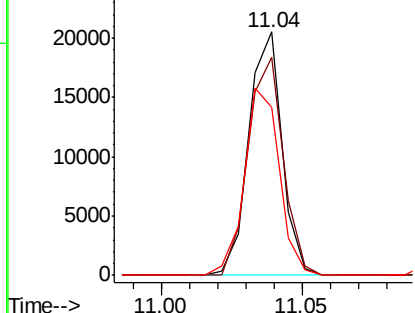
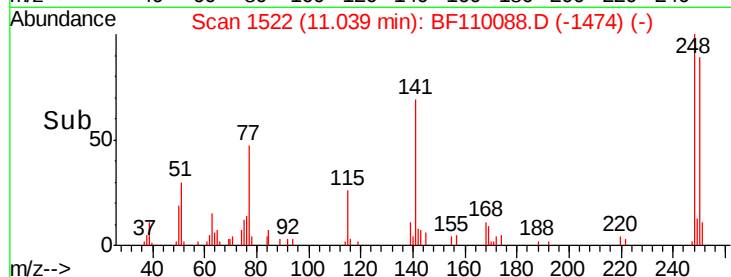
#67
 4-Bromophenyl-phenylether
 Concen: 2.083 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16727
 Ion Ratio Lower Upper
 248 100
 250 89.5 79.4 119.2
 141 69.0 55.9 83.9

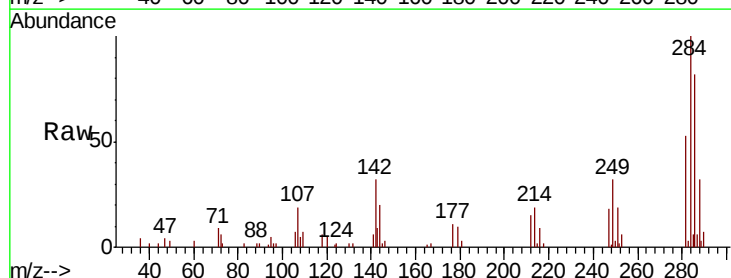


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

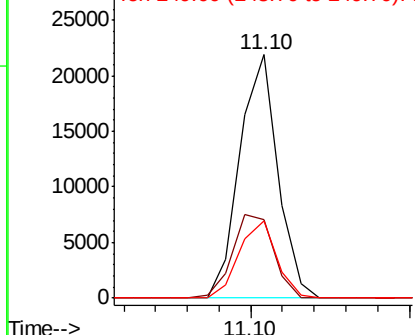
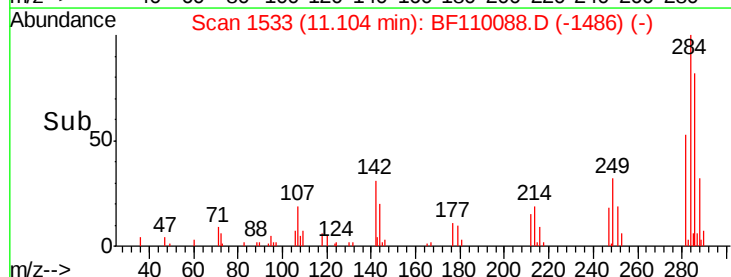


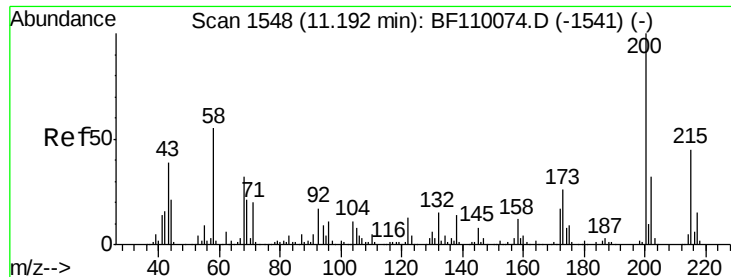
#68
 Hexachlorobenzene
 Concen: 2.137 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:284 Resp: 18213
 Ion Ratio Lower Upper
 284 100
 142 32.2 23.9 35.9
 249 31.9 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

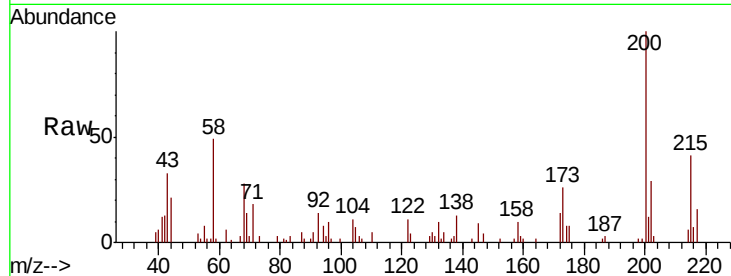




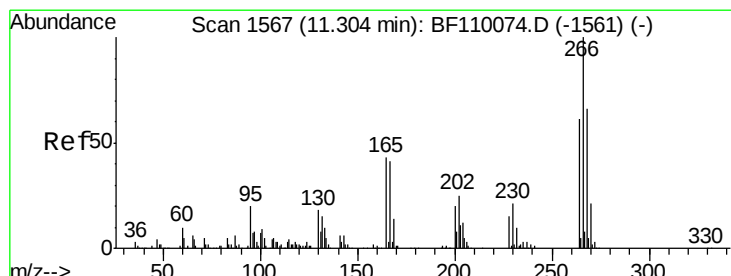
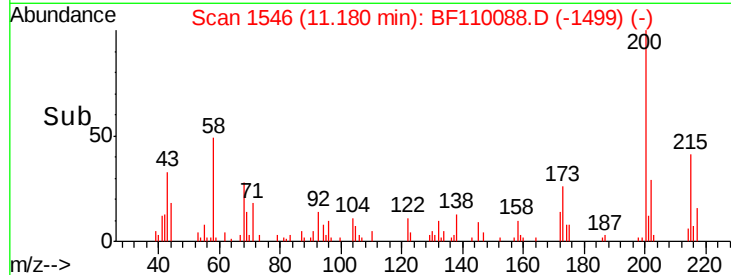
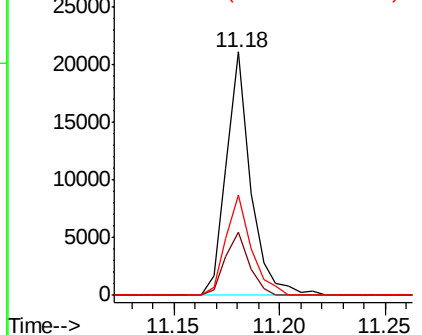
#69
Atrazine
Concen: 2.208 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 16943
Ion Ratio Lower Upper
200 100
173 26.1 6.6 46.6
215 41.4 26.3 66.3

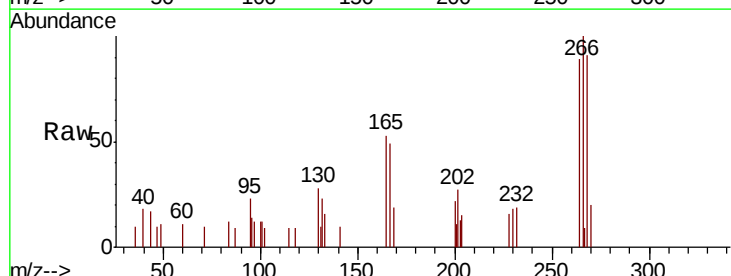


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

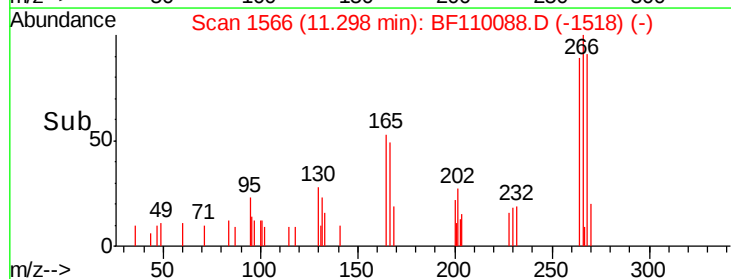
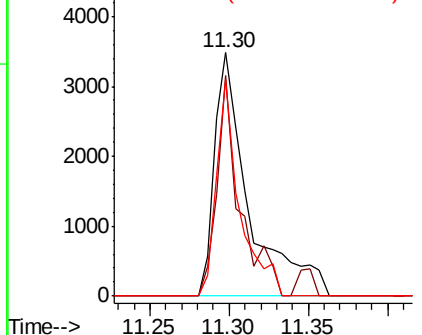


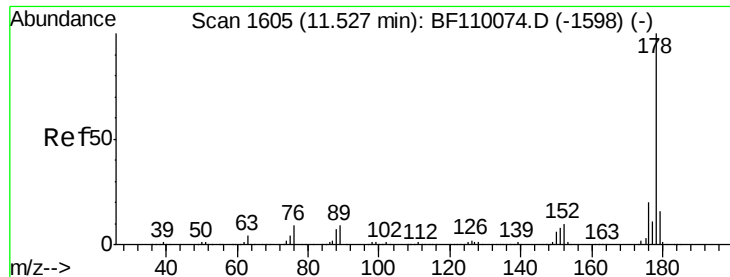
#70
Pentachlorophenol
Concen: 1.066 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:266 Resp: 5295
Ion Ratio Lower Upper
266 100
268 90.6 50.6 75.8#
264 89.2 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

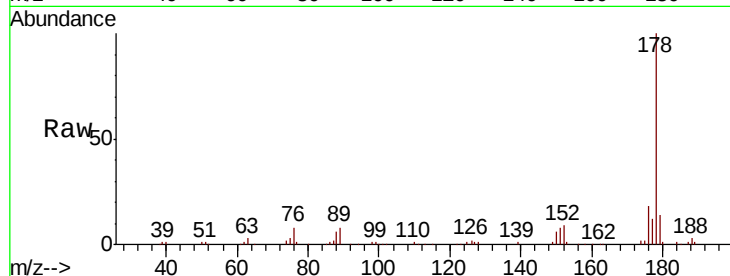




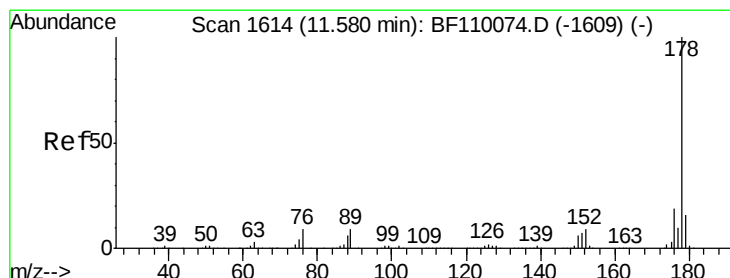
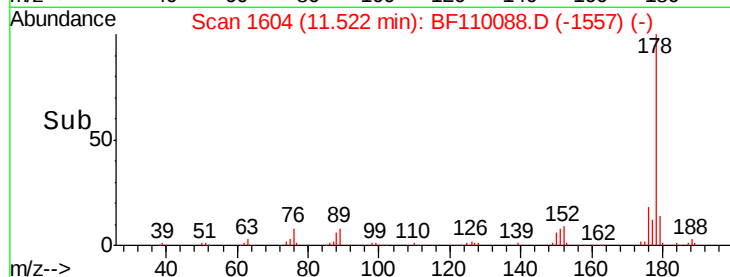
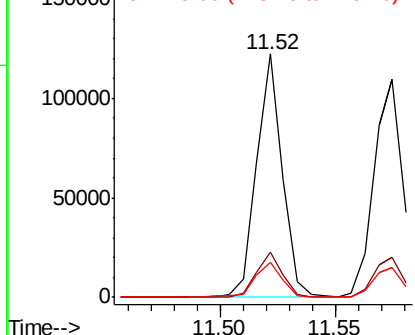
#71
Phenanthrene
Concen: 2.452 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 94988
Ion Ratio Lower Upper
178 100
176 18.4 15.5 23.3
179 14.1 12.5 18.7

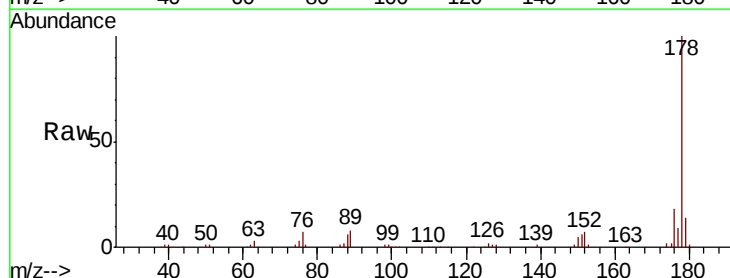


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

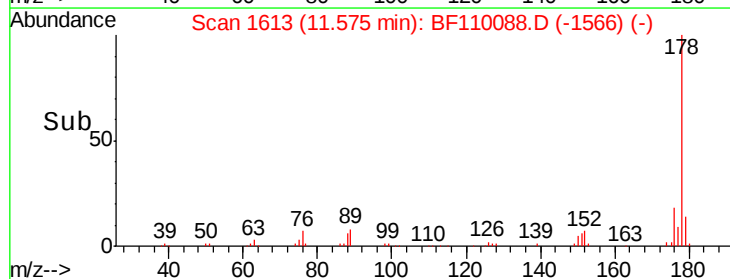
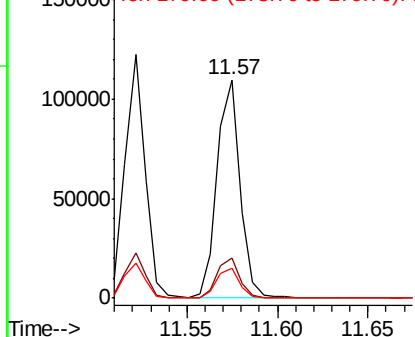


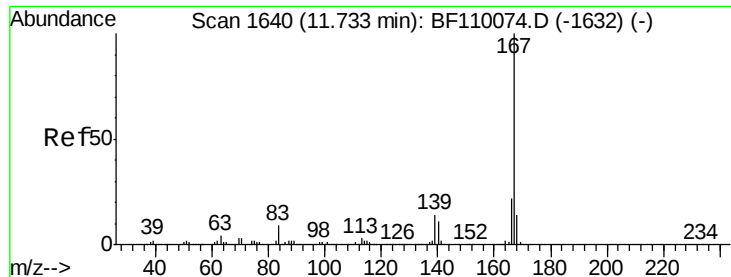
#72
Anthracene
Concen: 2.501 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:178 Resp: 97094
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 13.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 2.169 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

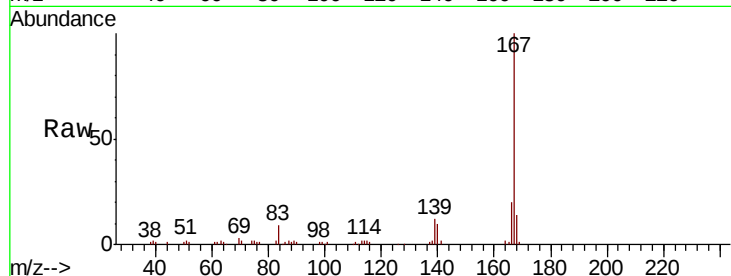
Tot Ion:167 Resp: 82220

Ion Ratio Lower Upper

167 100

166 20.2 17.4 26.0

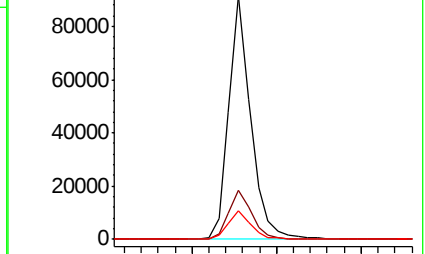
139 11.9 10.9 16.3



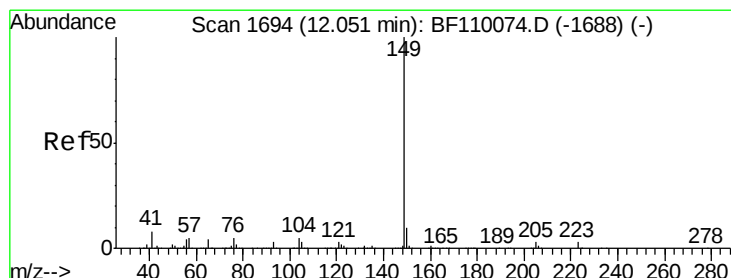
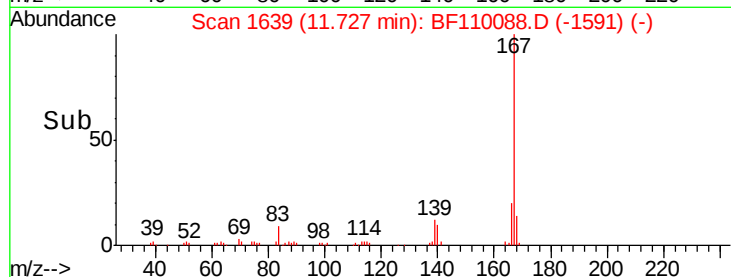
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 2.170 ng

RT: 12.05 min Scan# 1694

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

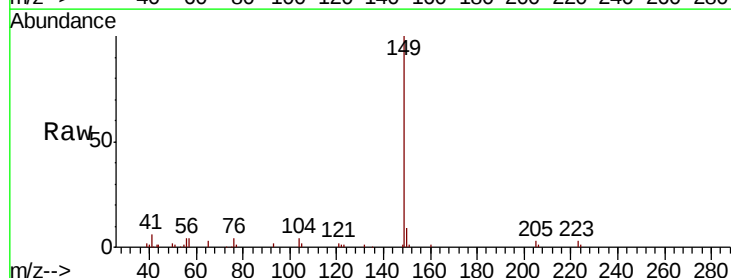
Tgt Ion:149 Resp: 92915

Ion Ratio Lower Upper

149 100

150 8.7 7.7 11.5

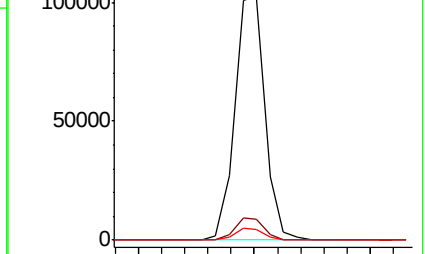
104 4.2 4.2 6.4#



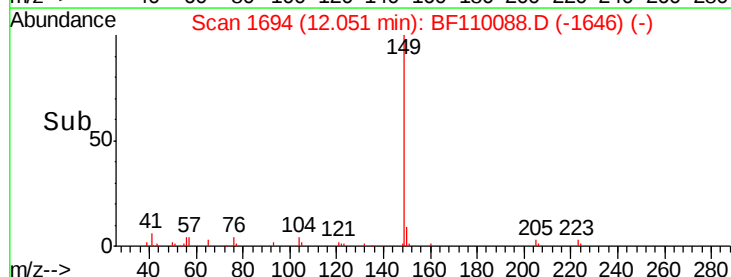
Abundance Ion 149.00 (148.70 to 149.70): E

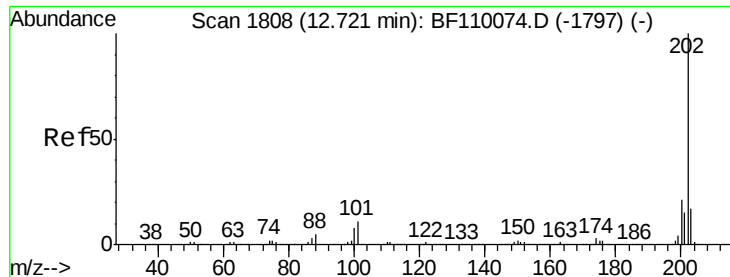
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

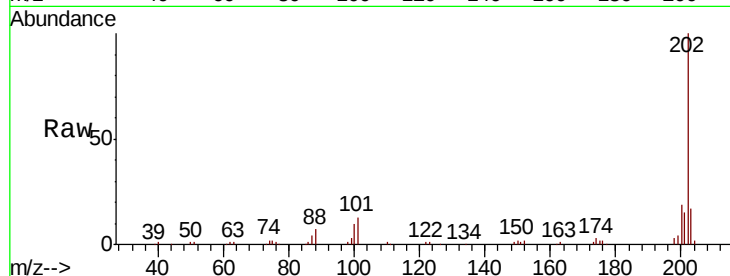




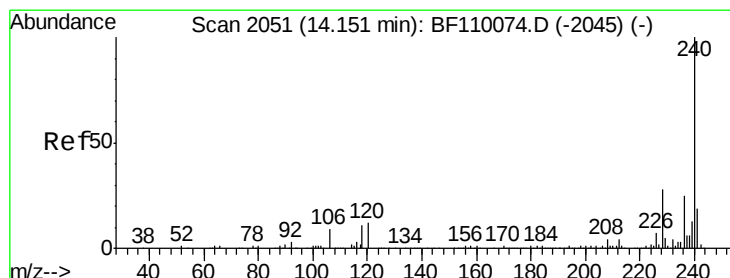
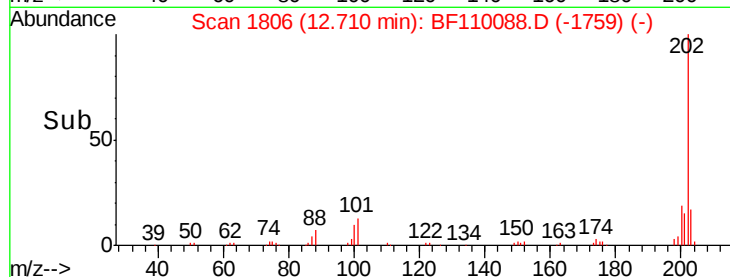
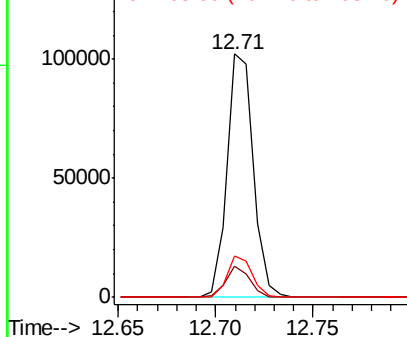
#75
 Fluoranthene
 Concen: 2.421 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 95173
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 31.4
 203 17.1 0.0 37.7

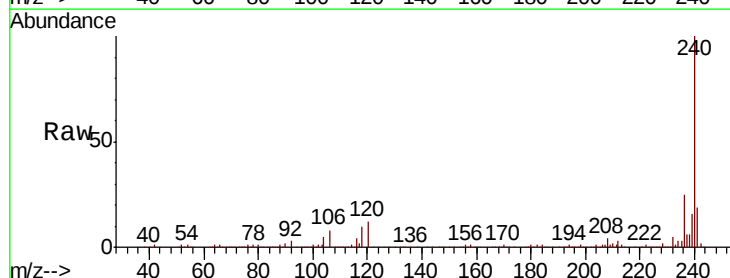


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

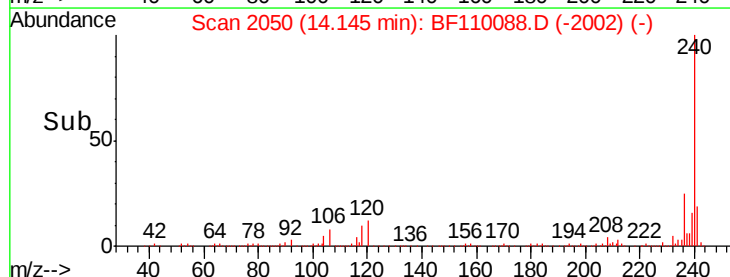
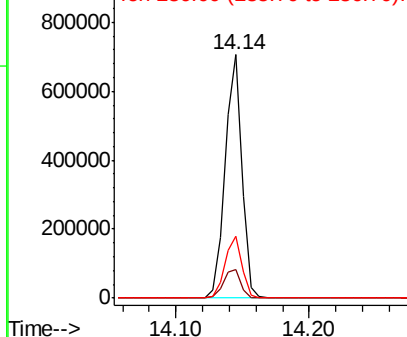


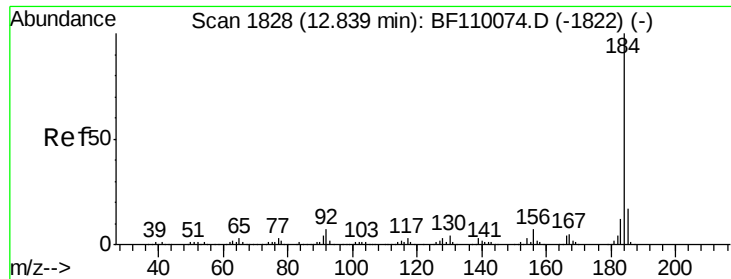
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110088.D
 Acq: 23 Oct 2018 20:10

Tgt Ion:240 Resp: 628682
 Ion Ratio Lower Upper
 240 100
 120 11.9 8.3 12.5
 236 25.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.624 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

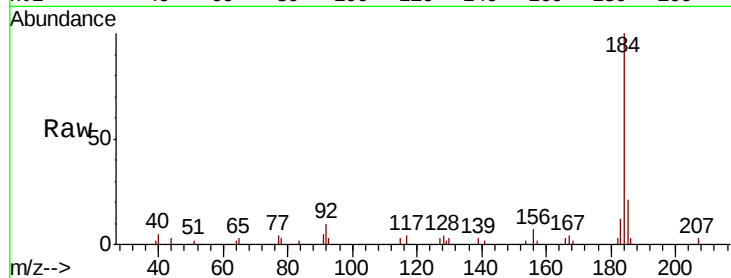
Tot Ion:184 Resp: 16488

Ion Ratio Lower Upper

184 100

185 21.5 13.4 20.2#

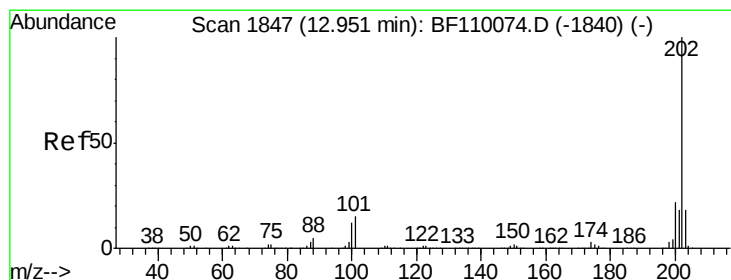
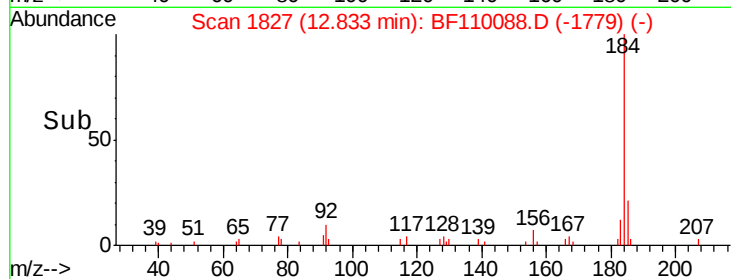
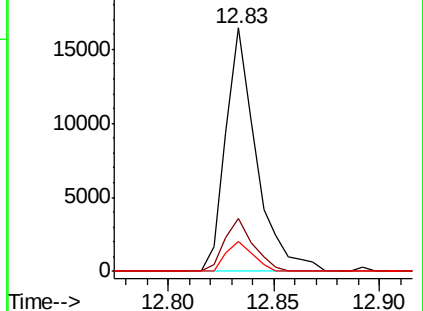
183 12.4 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 2.141 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

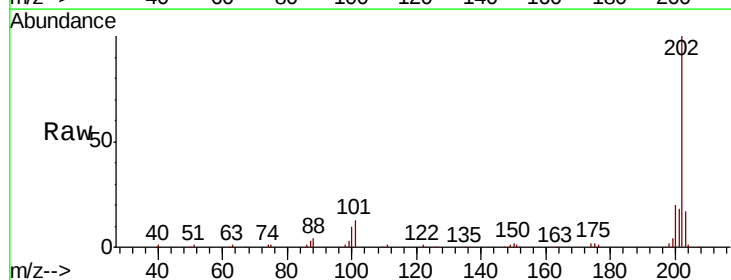
Tgt Ion:202 Resp: 96512

Ion Ratio Lower Upper

202 100

200 20.4 17.8 26.6

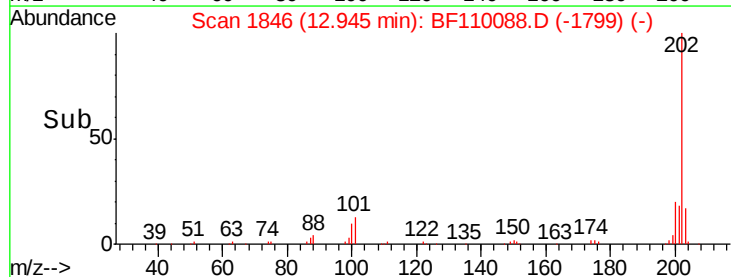
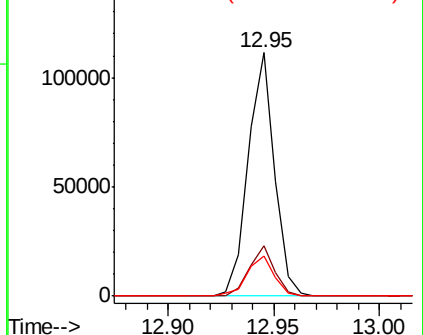
203 16.7 14.2 21.4

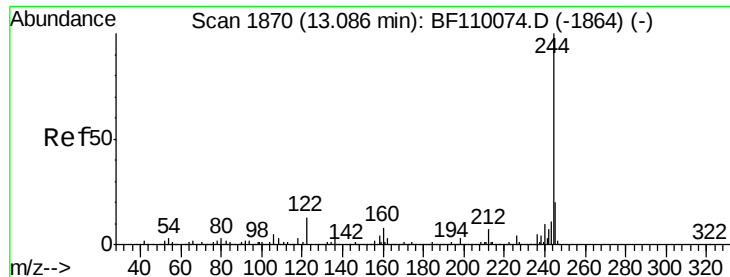


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.807 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

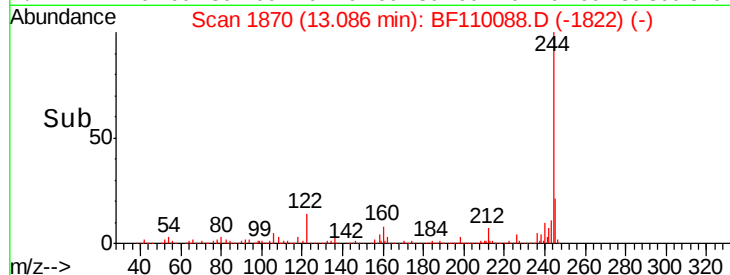
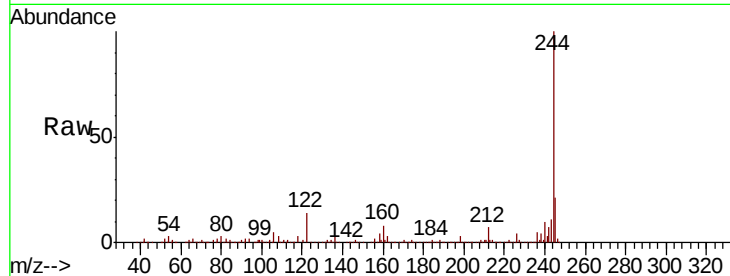
Tot Ion:244 Resp: 2019533

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

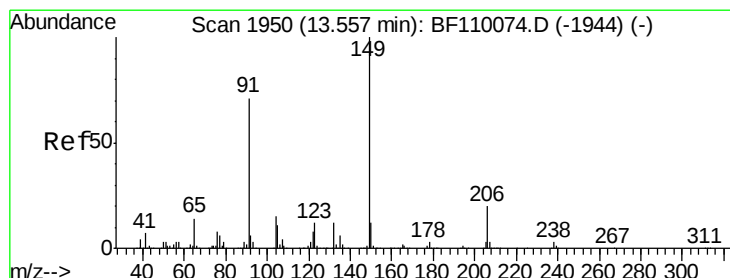
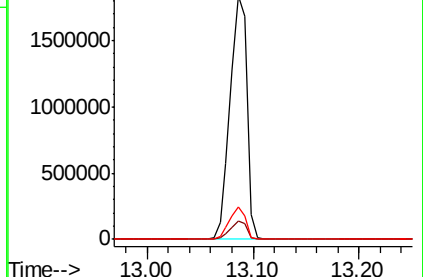
122 13.6 8.7 13.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 1.877 ng

RT: 13.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

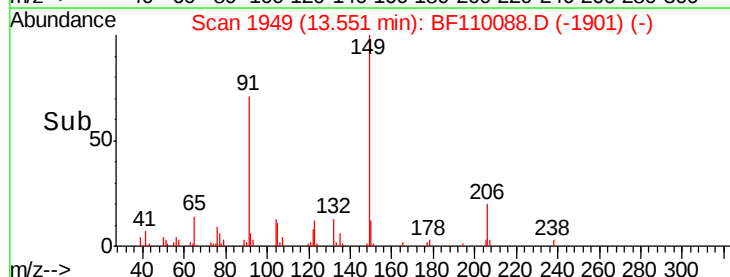
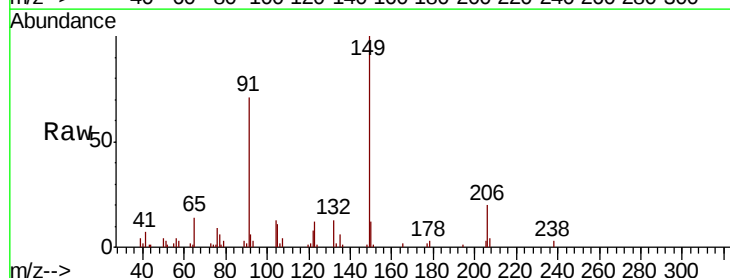
Tgt Ion:149 Resp: 36712

Ion Ratio Lower Upper

149 100

91 70.8 57.2 85.8

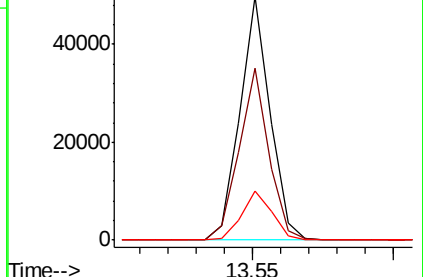
206 20.0 15.7 23.5

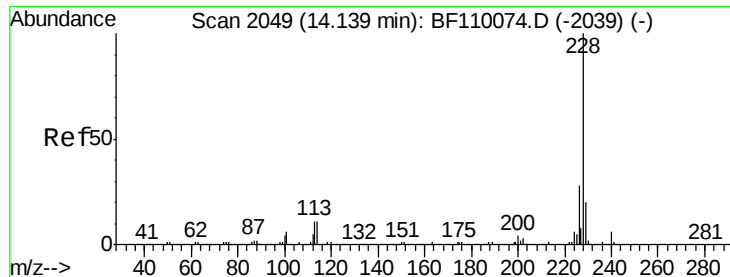


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 2.320 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

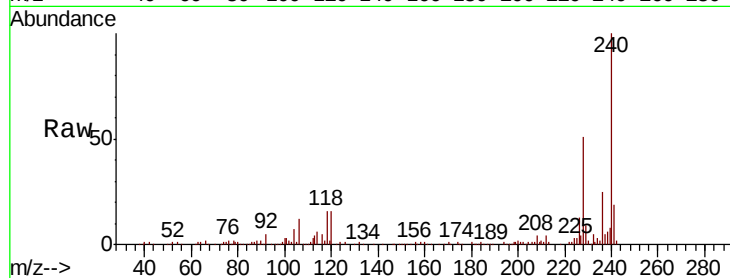
Tot Ion:228 Resp: 86492

Ion Ratio Lower Upper

228 100

226 25.7 22.1 33.1

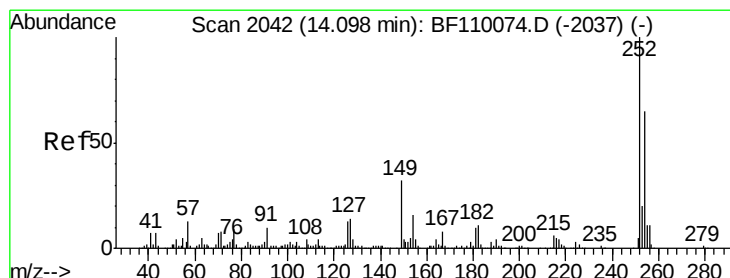
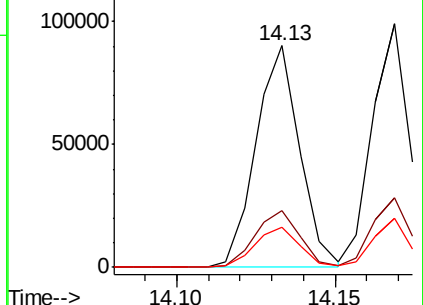
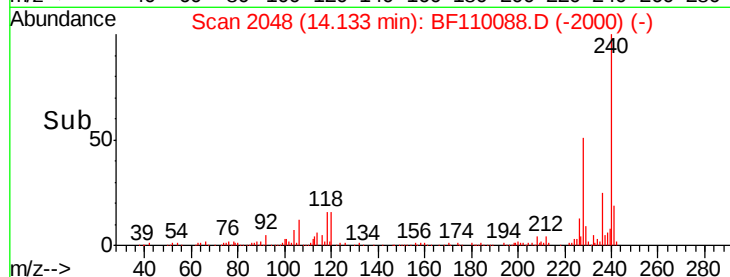
229 18.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 1.433 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

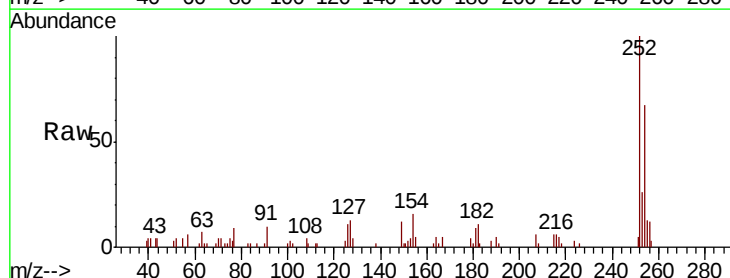
Tgt Ion:252 Resp: 18610

Ion Ratio Lower Upper

252 100

254 67.2 51.3 76.9

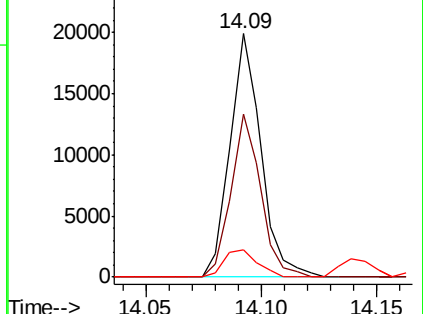
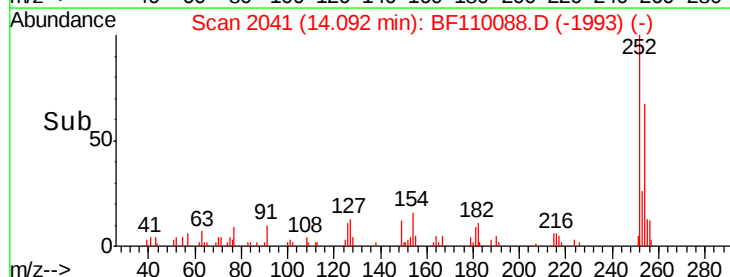
126 11.0 9.4 14.2

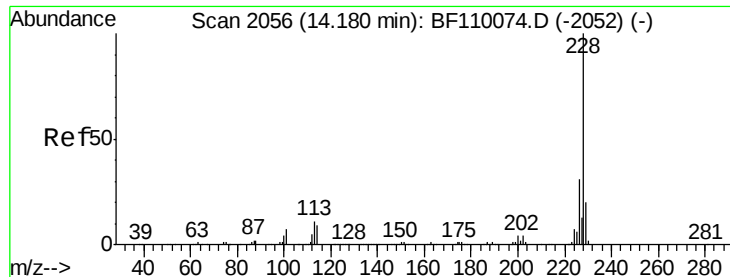


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 2.320 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampled :

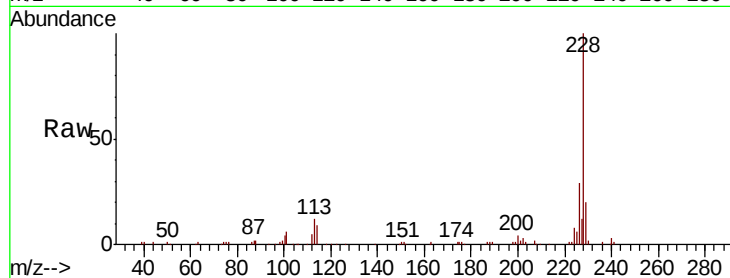
Tot Ion:228 Resp: 82166

Ion Ratio Lower Upper

228 100

226 28.6 24.7 37.1

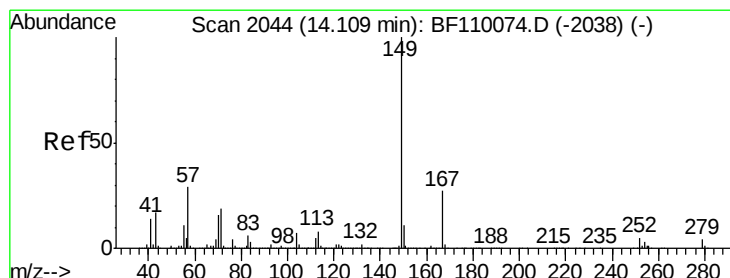
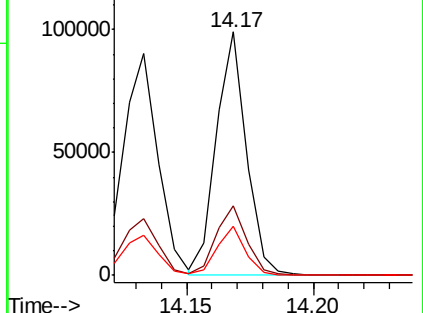
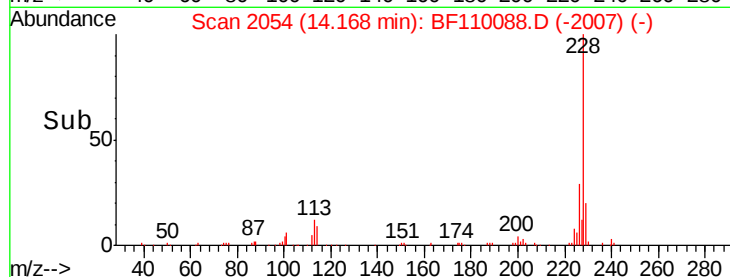
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.919 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

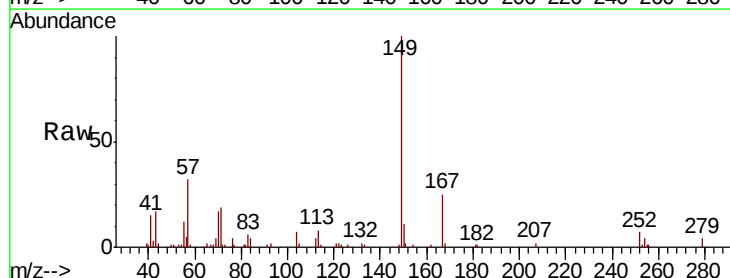
Tgt Ion:149 Resp: 50751

Ion Ratio Lower Upper

149 100

167 25.1 19.8 29.8

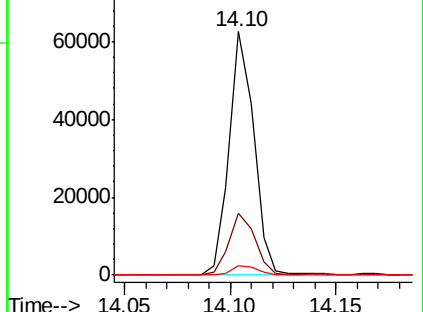
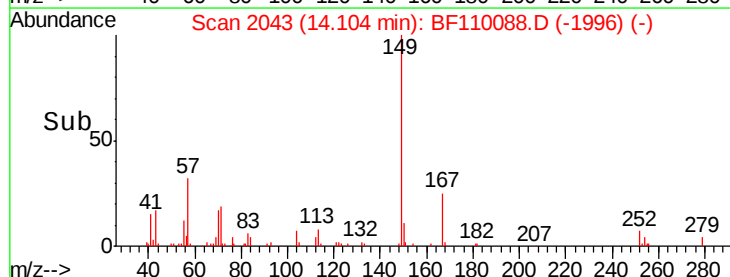
279 4.0 2.7 4.1

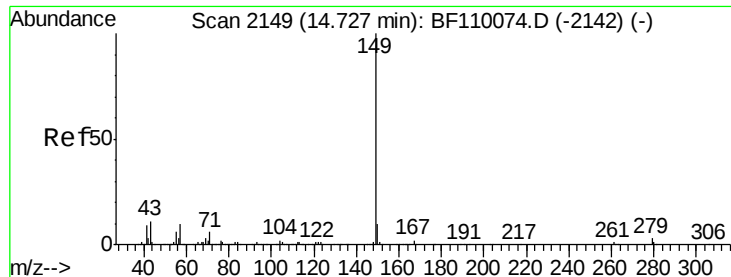


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

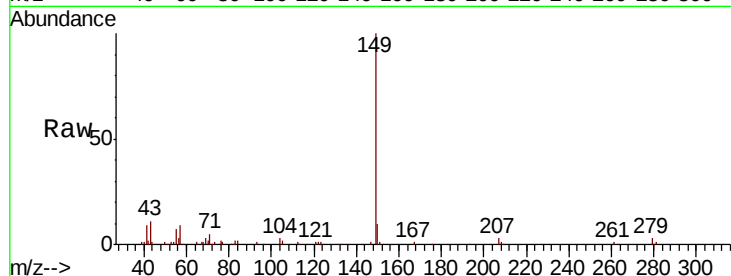




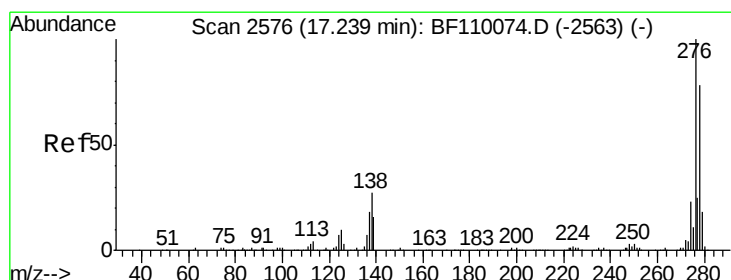
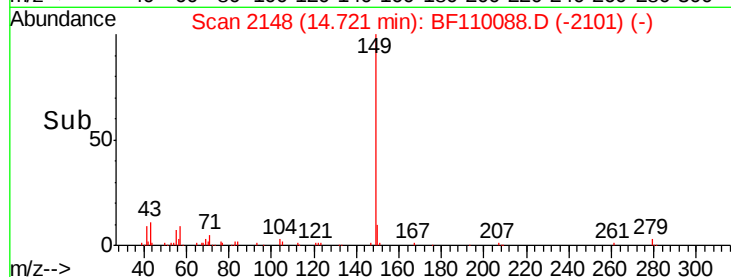
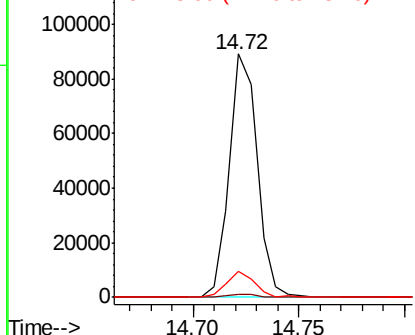
#85
Di-n-octyl phthalate
Concen: 1.980 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 81402
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.7 7.8 11.8

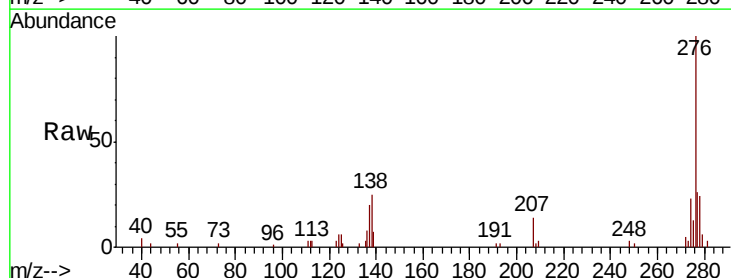


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

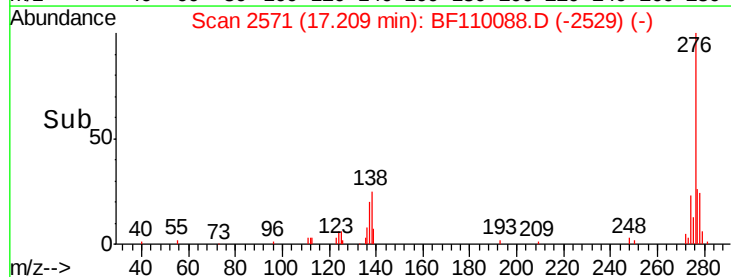
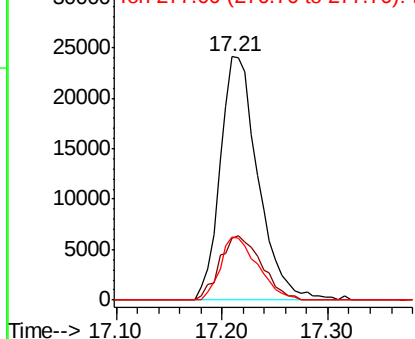


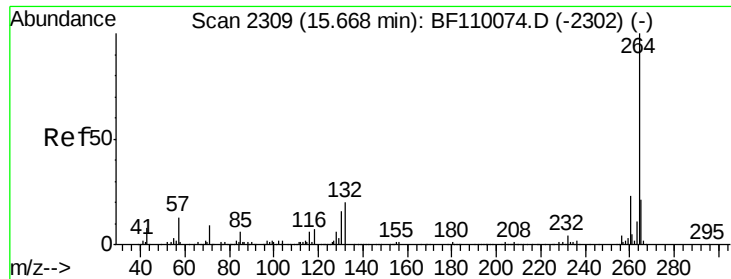
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.044 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:276 Resp: 60041
Ion Ratio Lower Upper
276 100
138 29.0 18.5 27.7#
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



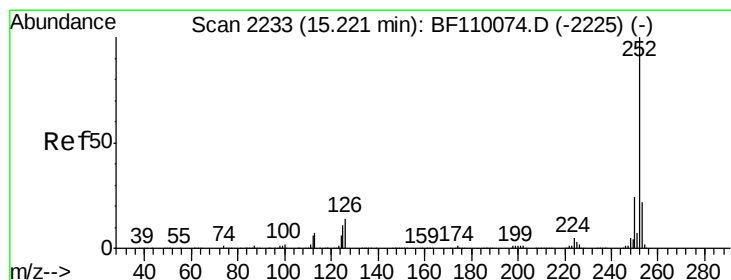
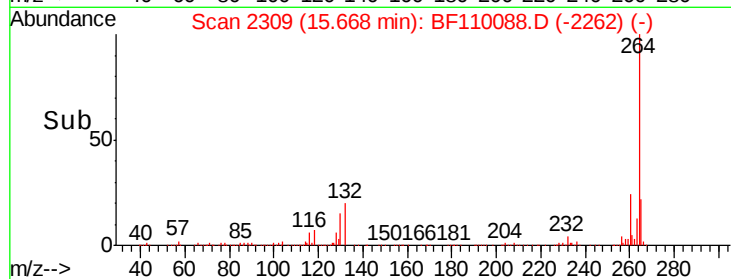
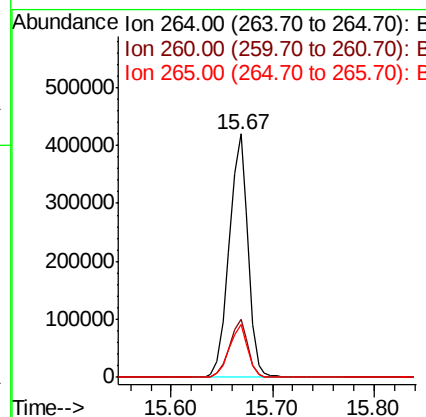
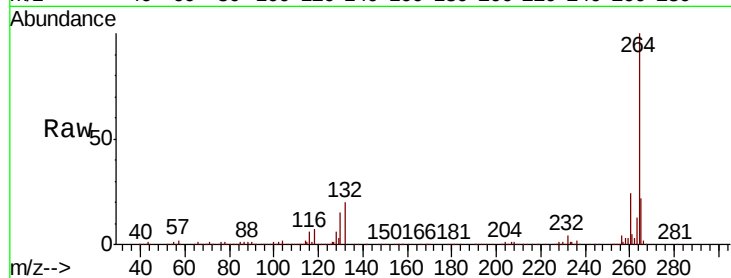


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 541236

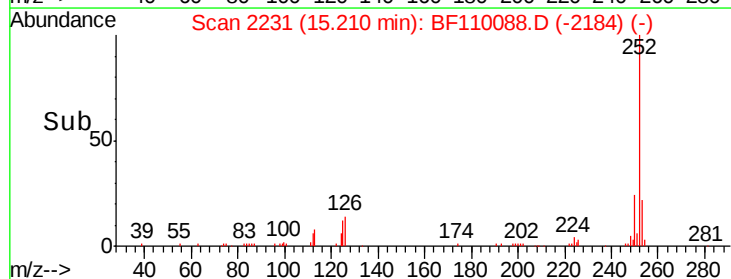
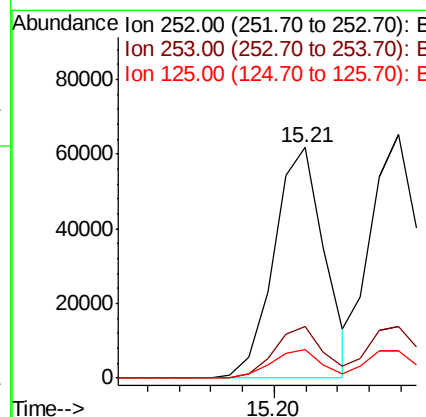
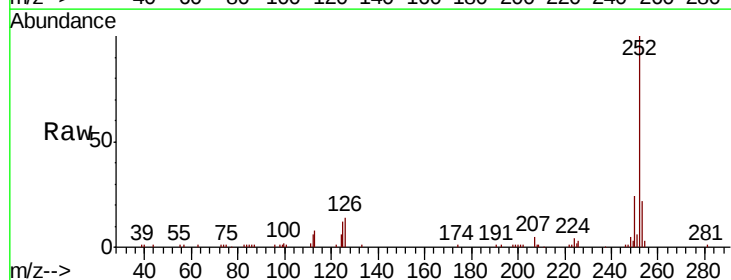
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	16.7	25.1

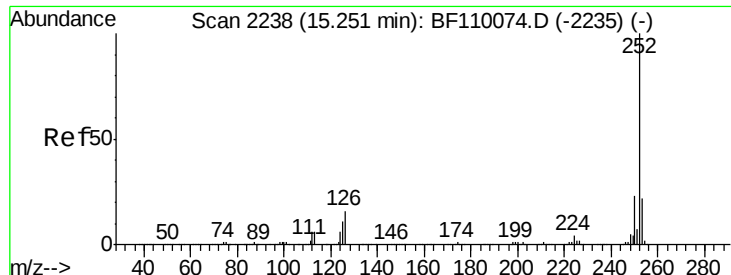


#88
Benzo(b)fluoranthene
Concen: 2.188 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:252 Resp: 68388

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.2	8.2	12.4

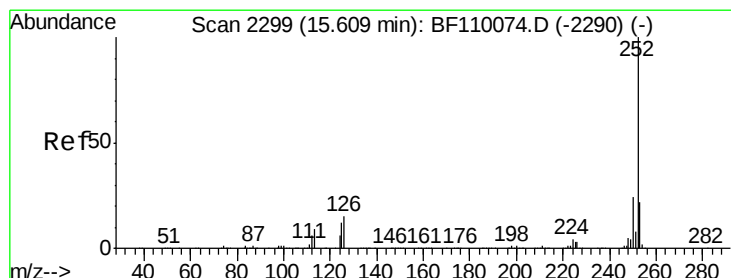
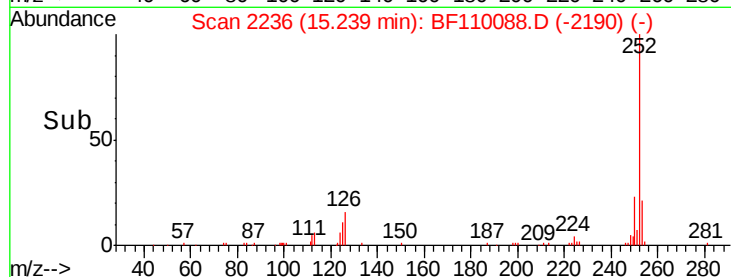
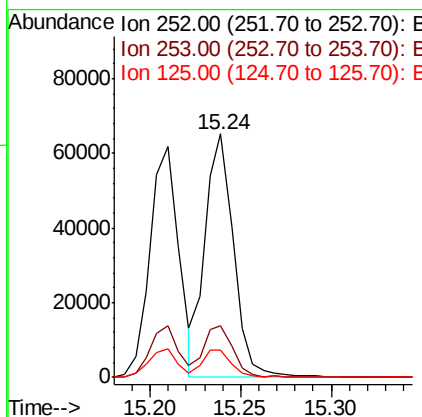
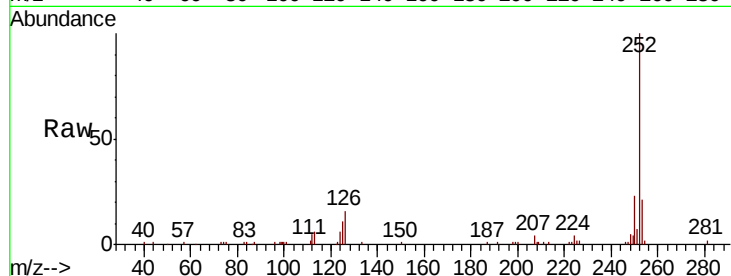




#89
Benzo(k)fluoranthene
Concen: 2.325 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

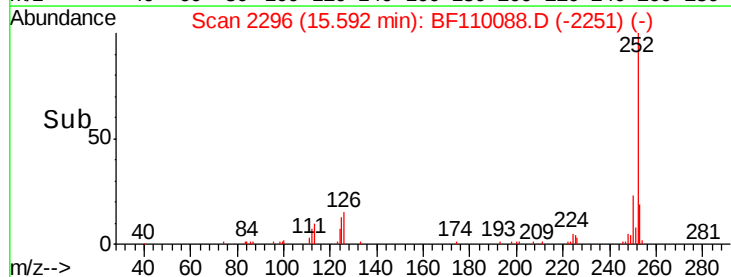
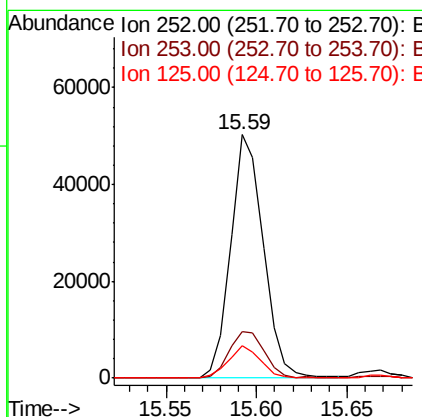
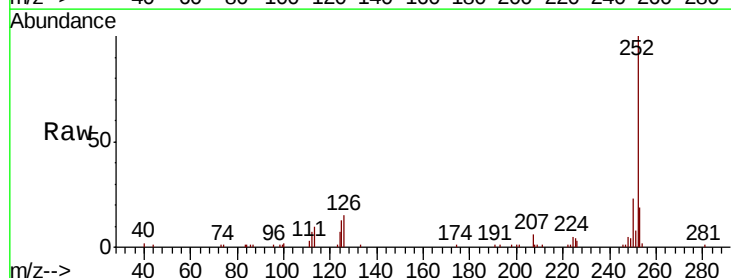
Instrument :
BNA_F
ClientSampleId :

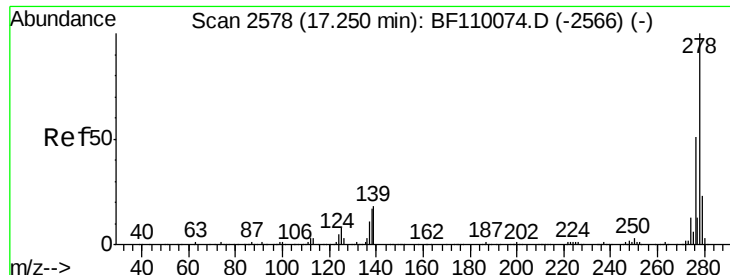
Tot Ion:252 Resp: 71446
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 11.4 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 2.199 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110088.D
Acq: 23 Oct 2018 20:10

Tgt Ion:252 Resp: 63241
Ion Ratio Lower Upper
252 100
253 19.1 18.2 27.4
125 13.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 2.019 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.05 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

Instrument :

BNA_F

ClientSampleId :

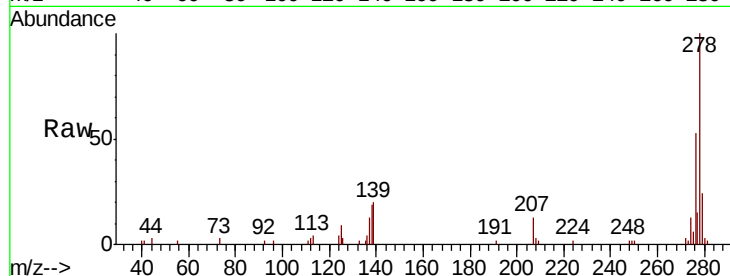
Tot Ion:278 Resp: 50093

Ion Ratio Lower Upper

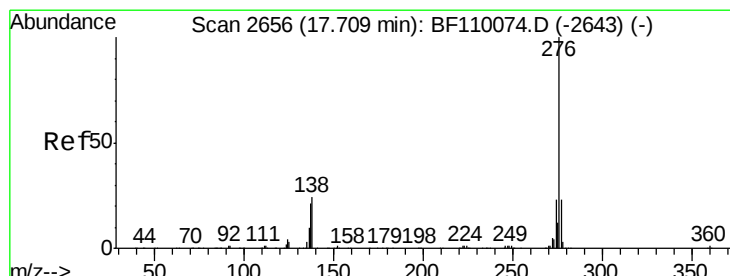
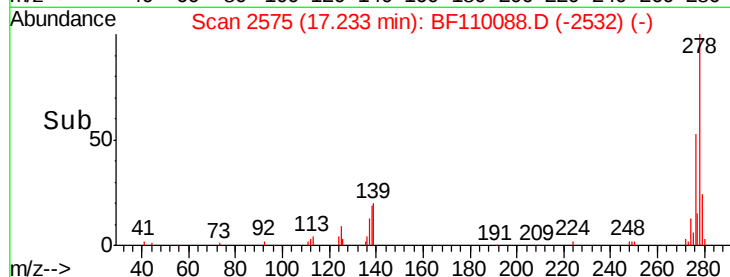
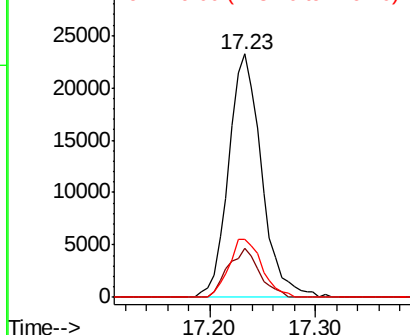
278 100

139 19.9 12.7 19.1#

279 24.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 1.982 ng

RT: 17.69 min Scan# 2652

Delta R.T. -0.05 min

Lab File: BF110088.D

Acq: 23 Oct 2018 20:10

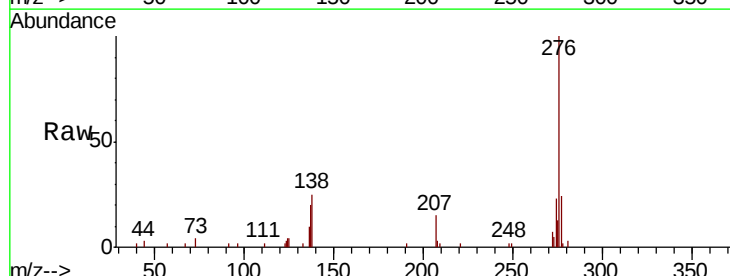
Tgt Ion:276 Resp: 48461

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 25.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

